

## Final Meeting

# Inscomm Chooses Subcommittee Heads

The retiring Institute Committee selected new chairmen for three subcommittees at its final regular meeting last Thursday.

Dick Carpenter '64, an unopposed candidate, was chosen Secretariat chairman by acclamation. Steve Miller '64 defeated Lee Davis '63 to become the new head of Finance Board. Bill Pinkerson '64 defeated Bill Carithers '64 and Jan Sonstebj '64 in the election for chairman of Judicial Committee.

The Committee chose to suspend Article 3 of the Undergraduate Association Constitution for the duration of the election. This article stipulates that any candi-

date for an undergraduate office must remain an undergraduate for the entirety of his term. The suspension allowed Davis to seek the Finboard post, although he will graduate at the end of the fall term next year.

In other action, Inscomm approved the constitution submitted by the International Students Council, which supercedes the International Program Committee. The new subcommittee will comprise a chairman elected by the Institute Committee, two American representatives similarly chosen, and representatives of the various foreign students' clubs.

It will coordinate the activities

of the clubs, direct an International Week, aid in the orientation of foreign students, and assist foreign students in finding employment both in this country and abroad.

The Institute Committee also approved a change in the constitution of the Activities Council to make the chairman of Finance Board a voting member of the Council. Proponents of the move argued that the opinions of the chairman of Finance Board would be valuable to the Council, and that the chairman would be induced to take a more active interest in the Council's activities.

## Committee Seeks Major Speaker For Intercollegiate Conference

Efforts are being made to sign the sixth and major speaker for the \$12,931 MIT Intercollegiate Conference, reported Steve Kaufman '63 Monday night.

The other five speakers had been announced five weeks earlier by Kaufman, who is chairman of the Conference Committee.

Funds for the Conference, which will take place April 3-6, will be provided by MIT, the Undergraduate Association, and private philanthropic foundations.

The total budget of \$12,931 will be dispersed approximately as follows: transportation subsidies for delegates, \$5500; meals and housing for delegates, \$2800; printing costs, \$1500; transportation and living and expenses for speakers, \$1000; and secretarial expenses, \$1000. Miscellaneous expenses account for the remainder.

The main topic of the Conference is 'The Federal Government: How Much?' The role of the government in the three areas of economic growth, research and labor-management relations will be discussed as subtopics.

Lecturers already signed are:

Prof. Abba P. Lerner, of Michigan State University; Prof. Paul McCracken, of the University of Michigan; Dr. William O. Baker, of Bell Laboratories; Dr. George P. Schultz, of the University of Chicago; and Mr. Saul Wallen, professional labor mediator.

At the closing plenary session, the as yet undesignated speaker will sum up the ideas developed during the conference.

### Vaccine Offered

Sabin Type II oral polio vaccine is being distributed without charge to the MIT community today.

The vaccine is available in Building 10 from 9:30 am to 4:30 pm and in Walker Memorial and the dormitory dining halls from 11:30 am to 1:30 pm.

Students who missed the Type I vaccine in January should take Type II now and Type III in May. They should then take Type I vaccine four to six weeks later.

# The Tech



Vol. 83, No. 7

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Five Cents

## 47 Of Faculty Promoted

Twenty-four members of the faculty have been promoted to the rank of full professor, and twenty-three others to the rank of associate professor.

### Professors

Aeronautics  
Morton Finston  
Marten T. Landahl  
Chemical Engineering  
Raymond F. Baddour  
Chemistry  
Klaus Biemann  
City Planning  
Kevin Lynch  
Civil Engineering  
John M. Briggs  
Robert V. Whitman  
Donald R. F. Harleman

### Economics

Lincoln P. Bloomfield  
Electrical Engineering  
William M. Siebert  
Kenneth N. Stevens  
Herbert H. Woodson

### Humanities

Robert S. Woodbury  
Industrial Management  
Warren G. Bennis  
Thomas M. Hill

### Mathematics

Daniel M. Kau  
Mechanical Engineering  
Robert W. Mann  
Tau-Yi Toong

### Metallurgy

Clyde M. Adams  
Walter A. Backofen

### Naval Architecture

Philip Mandel  
Nuclear Engineering  
Edward A. Mason

### Physics

Harald A. Enge  
William L. Kraushaar

### Associate Professors

Architecture  
Marvin Goody  
Economics  
Albert Ando  
Frederick W. Frey  
David M. Green  
Electrical Engineering  
Abraham Bers  
John Blair  
Robert E. Newnham  
Arthur C. Smith  
Herbert M. Teager  
David R. Whitehouse  
Geology  
John W. Winchester  
Humanities  
Joseph D. Everingham

Abner E. Shimony  
Mathematics

David J. Benney  
James G. Glimm  
James R. Munkres

Mechanical Engineering  
Deane Lent  
Herbert H. Richardson

Joseph L. Smith  
Modern Languages

G. Hubert Matthews  
Nuclear Engineering

Henri Fenech  
Nutrition

Emily L. Wick  
Physics

Henry W. Kendall

### 10 Honorable Mentions

## 9 Named Wilson Fellows

Nine members of the Class of 1963 have been named Woodrow Wilson Fellows for 1963-64. Another ten students were awarded honorable mention in the competition.

Each fellowship, good for the first year of study at an graduate school, pays tuition and fees, plus a stipend of \$1500 and allowances for dependents.

The winners from MIT are Uri Bernstein, physics; Richard N. Boyd, mathematics; Kenneth S. Friedman, philosophy of science; Robert E. Kirk, mathematics; Frank S. Levy, economics; Harvey S. Picker, physics; Samuel L. Popkin, political science; Robert B. Schneider, mathematics; and Edgar A. Womack, physics.

MIT students receiving honorable mention are Ronald M. Baecker, communications science; Eric R. Cosman, physics; Herbert J. Eagle, mathematics; Gary M. Feldman, mathematics; Elizabeth J. Hall, mathematics; Cynthia L. Kolb, physics; Stephen M. Levy, economics; Floyd W. Stecker, physics; Allan Tobin, communications science; and

## Protest Changes 8.041 Presentation

By Howard Ellis

Student protests have resulted in an adjustment in the presentation of 8.041, a sophomore physics course.

The change, announced in lectures last Wednesday, is a modification in schedules so that lectures and problem sessions will be shifted into phase. The dissatisfaction arose when students began to receive homework assignments regularly on material not yet covered in the lectures.

Seven members of a sophomore electrical engineering feedback group visited Prof. D. H. Frisch, general administrator of the course, and presented their complaints. In the resulting discussion, the students suggested that a feedback program be instituted similar to the one in Course 6.

### Four-Year \$500,000 Grant Establishes

## Graduate Program In Oral Science At MIT

A graduate training program in oral science has been established at MIT, supported by an initial four-year grant in excess of \$500,000 from the National Institute of Dental Health.

The program will place special

Frisch considered the complaints and decided to take immediate action to bring lectures and recitations back into phase. However, he completely rejected the suggestion of setting up organized feedback in 8.041. He stated that feedback is an institutionalization of the learning process and that it discourages creativity.

Frisch did not discount the value of student-teacher communication. However, he expressed the belief that it should be conducted on an informal basis without a designated group, time, or place.

8.041 is being run on an experimental basis this term. There are no individual classroom recitations. All groups meet in a single lecture hall for recitations as well as lectures.

emphasis on the principles used in solving problems relating to the tissues of the mouth such as, teeth, gums, tongue, and salivary glands.

According to Dr. Robert S. Harris, director of the program, "This program has been established largely in recognition of the fact that the solution of these problems requires a more extensive training program than dental practitioners have had in the past."

Two kinds of scientists will be trained in the program. Postdoctoral associates who have recently graduated from dental school and graduate assistants who hold B.S. degrees in chemistry and biology will study together for the same Ph.D. degree in oral science.

The postdoctoral students will spend one summer session at the Institute of Nutrition of Central America and Panama in Guatemala. The degree program will generally take four years.

Professors and scientists from local dental schools and institutes will assist as special lecturers, consultants, and collaborators.

### IFC Weekend To Be April 19-20

Johnny and the Hurricanes will be the Saturday evening entertainers for the Interfraternity Conference Weekend, April 19-20. The cost of the affair is \$4 per couple.

The Weekend, open only to fraternity members, will begin with a cocktail party Friday night. The place has not yet been selected.

The Olympic Games, to take place Saturday afternoon, will be followed in the early evening by another cocktail party. Later, Johnny and the Hurricanes, a rock-and-roll group, will perform in the Armory.

500 tickets will be distributed among the fraternities to insure financial success. Additional tickets will be distributed according to the demand.

## Committee Investigates Dorm Study Conditions

Study conditions in the dormitories are being investigated by the Faculty Committee on Student Environment.

The study is being carried on in conjunction with the Institute's plans to remodel East Campus and Burton House and to build a new undergraduate dormitory in the west campus.

According to Prof. Robert J. Hansen, chairman of the committee, every aspect of dormitory life will come under scrutiny. He added that his committee is meeting with groups of dormitory residents and members of the Dormitory Council.

Dean Kenneth R. Wadleigh explained that the study will analyze house character and spirit, effect of resident tutors, noise and study conditions, recreational opportunities, and the effect of the physical environment on studying.

Some of the committee's proposals may be used in planning the proposed dormitory. According to Dean Wadleigh, use of the committee's suggestions will be "limited only by cost."

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## Professor Carritt Investigates Oceans: Dissolved Ions, Sea-To-Air Transfers

By BARBARA COHEN

Prof. Dayton Ernest Carritt, of the Department of Geology and Geophysics, a chemist by training, spends most of his time analyzing the world's largest chemical solution, the sea.

Chemical oceanography is still an underdeveloped science. The distribution, versus space and time, of the concentrations of the ocean's constituents is incompletely known.

Nearly every element can be found in the ocean, either in solution or in suspension. This is not surprising, since the sea receives a continuous supply of minerals from the shores it erodes. What is surprising is that despite eons of exposure to these minerals, the sea is not saturated with respect to most elements.

Six ions—chlorine, sodium, magnesium, sulfate, calcium, and potassium—comprise 99% of the solute in sea water, and the distributions of these are fairly precisely known. No matter where a sample of sea water is taken, the ratio of any one of these six to any other, or to all the rest of them, is remarkably constant. This would seem to indicate that the oceans are a constant pool of material, changed only locally by evaporation and rainfall.

### Trace Components

But the distributions of the other constituents are not invariant. Since relatively few analytical tests for these trace components have been run, the picture of their distribution is poor.

The available data on the major components might also be better. Some research carried out under Dr. Carritt at Johns Hopkins University indicated that minute departures from the constant ratios of these six components reveal glimpses of the mechanisms of geochemical and biochemical activities in the sea.

Part of the reason for the lack of good data is the fact that an insufficient number of tests have yet been run, and part is that present analytical techniques are inadequate for the job. For instance, it is difficult to measure the percentages of sodium, potassium, and magnesium ions in the presence of one another, and these are all present in sea water together. The precision of one part in 50,000 is only now becoming possible in many determinations.

### Precision Checked

Prof. Carritt is one of a small group working with the National Academy of Sciences Committee on Oceanography to correlate the precision and accuracy of the various tests used by oceanographic laboratories around the country. Hopefully, this work will be extended to include the procedures of laboratories in foreign countries, so that the reliability of data from all over the world can be assured. The lack of agreement revealed between the twelve United States laboratories already examined indicates that this problem is a pressing one.

MIT is presently merging its facilities with the

Woods Hole Oceanographic Institute to provide a unique arrangement for obtaining and analyzing oceanographic data. Woods Hole has the research vessels and specialized laboratories for on-the-spot analysis, while MIT can provide a nuclear reactor and extensive computation facilities.

The project is aimed at providing information on the routes and rates of passage of the ocean's solid constituents from the land, through the sea, to the ocean floor.

Dr. Carritt's studies are not limited to the bottom of the sea; they also include the surface. He and Prof. John W. Winchester, who is currently on a sabbatical leave in Taiwan, are studying the exchange of material between ocean and atmosphere.

### White Caps

At any one time much of the ocean's surface is covered with white caps or foam. These are large clusters of constantly bursting bubbles. The constant bursting accounts for a good percent of the material and electrical transfer between sea and air. The particles are highly charged, have odd vapor-pressure properties, and often vary spectacularly in composition from that of the ocean as a whole. For example, the ratio of iodine ion to chlorine ion is 1000 times higher, and the ratio of bromine ion to chlorine ion several times higher, in the atmosphere's water than in sea water.

Most of the chlorine ion, and much of the sodium ion, transferred from land to sea originates in the sea and was carried from there to the land by the droplets released into the air by bursting bubbles and dropped as rain.

The particles, or droplets, ranging in diameter from several microns to a few tenths of a micron, provide the nuclei for raindrop condensation in the air. They are called aerosol particles, and consist of a salt center surrounded by a sheath of water, or saturated solution. Depending on the humidity, they can become fine particles of salt, or rain drops.

One of Dr. Carritt's research assistants, Ferren MacIntyre, is studying the physical chemistry of the sea's surface, by taking the point of view that it acts as a membrane separating the ocean from the air. He is trying to account for the properties of the membrane that explain the fractionalization of the chemical constituents of the droplets.

Two more of Dr. Carritt's students are going to Hawaii to collect rain, aerosol particles, and gas samples. There they can expect to find winds unpolluted by passage over land for hundreds of miles, and their samples will be of marine origin only.

Dr. Carritt himself combines his hobby of light-plane flying with aerosol collecting. His background includes a B.S. from Rhode Island State College in 1937, graduate work at Harvard interrupted by the war, a Ph.D. from Harvard, and work at Woods Hole and the Scripps Institute of Oceanography at La Jolla, California. In 1950, he helped found the Johns Hopkins Department of Oceanography and the Chesapeake Bay Institute. He came to MIT from Johns Hopkins in 1960.

## Techretary of the Week



## Painter, Skier Lynn Earle Honored

By George McQuilken

Lynn Earle, personable and vivacious secretary to Prof. Charles C. Ladd, is the first Techretary of the week. A painting and skiing buff, Lynn is a 22-year-old, 5' 2" brunette.

She came to Boston last summer from Ashbury Park, New Jersey, where she attended high school. She also studied at the Newark School of Fine Arts and at Monmouth College.

Lynn lives in a Beacon Hill apartment and thinks Boston is

"culturally stimulating." She attended the Museum School for a while to improve her painting. Lynn still paints, but gave up the classes in favor of other activities.

Skiing is Lynn's main pastime, and she is a part-owner of a ski lodge at Cannon Mountain, New Hampshire. She also enjoys sailing, skating, and tennis.

About Techmen, Lynn says she "doesn't really come in much contact with them, but the ones I've met have seemed nice."

## States Allocate \$1.8 Billion To Colleges

The 50 state legislatures appropriated \$1.8 billion in state tax funds for higher-education operating expenses in 1962-63.

This amount represented a gain of 24.5% over a two-year period, somewhat greater than the 22.7% increase in the previous two-year period, 1959-61.

State-by-state gains ranged from New York's 75% increase to Louisiana's 5% rise. Appropriations declined in only two states: in Alabama by 1.5% and in Montana by 0.5%.

The 20 states which operate junior colleges appropriated an additional \$81 million for these schools in 1962-63, an increase of about 42% over the total appropriated in the earlier two-year period.



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## Lack Of Student Participation Main Problem In Feedback Plan

The freshman feedback program, conducted by a subcommittee of the Student Committee on Educational Policy is now in its second year at MIT.

Although last year's trial introduction of the program was successful enough to warrant continuation, the committee found that lack of student participation was the biggest problem this year.

The subcommittee is presently investigating the desirability of feedback in the upper classes, particularly at the sophomore level.

Freshman feedback was organized in the spring term of 1961-62 by an ad hoc committee of Course-6 seniors and representatives of the Student Committee on Educational Policy. It was tried on an experimental basis with 10 freshman sections.

In the fall term of 1962-63 the program was expanded to include all but two of the freshman lecturers in chemistry, physics, and calculus. Representatives from

each section met with the lecturers to discuss such topics as the effect of the revised 18.01 curriculum; the reasons for poor attendance at lectures; and the value of labs, lecture presentations, and blackboard technique.

The program improved student-faculty contact and also helped lecturers to discover which areas to cover more fully and how to cover them better.

Feedback originated in Course 6 when Amar Bose, associate professor of electrical engineering, used the process to improve presentation of 6.01 lecture and recitation materials. Feedback was later adopted by other lecturers in the Electrical Engineering Department.

Another form of feedback used by many departments involves a meeting between students and faculty to discuss courses on a broader level, especially concerning improvement in content or presentation. This type of feedback has led to major revisions in courses and the elimination of some.

## Election Statistics Released

Overall statistics on the results of the Undergraduate Association President and class elections, Tuesday, March 12, were released last Sunday by the Secretariat.

The chart below shows the total votes for each candidate both initially and after each redistribution; votes cast for write-in candidates were not included in the figures released.

### Undergraduate Association President

	First Count	Second Distribution	Third Distribution	Fourth Distribution
Luebbers	559	582	658	961
Gilman	436	460	563	695
Morris	419	446	527	
Barron	289	332		
Tennenbaum	92			

### Class of 1963

<b>President</b>	
Bowman	237
Morse	86
<b>Vice-President</b>	
Vernon	265
<b>Secretary</b>	
Johnson	177
Epstein	61
Soifer	36
Weiner	32
<b>Treasurer</b>	
Kaufman	164
Johnson	150
<b>Exec. Committee</b>	
All elected	

### Class of 1964

<b>President</b>	
Glassman	286
Mided	186
<b>Vice-President</b>	
Barron	221
Theran	206
<b>Sec.-Treasurer</b>	
Carpenter	206
Strauss	134

### Class of 1965

<b>President</b>	
<b>First Count</b>	<b>Second Distribution</b>
Samuels	234
Chandler	167
Fisher	52
Proctor	50
<b>Vice-President</b>	
<b>First Count</b>	<b>Second Distribution</b>
Yin	197
Schmalensee	154
Anderson	124
<b>Sec.-Treasurer</b>	
Tsein	248
Menzies	172

### Class of 1966

<b>President</b>	
Jones	291
Graham	117
Birkner	77
<b>Vice-President</b>	
<b>First Count</b>	<b>Second Distribution</b>
Perritt	196
Schwanz	176
Sherman	95
<b>Sec.-Treasurer</b>	
<b>First Count</b>	<b>Second Distribution</b>
Browning	216
Trimmer	120
Wesson	120

## Food Science Dept. Receives New Name

The Department of Nutrition, Food Science, and Technology has changed its name to the Department of Nutrition and Food Science.

The change was made last week by vote of the MIT Corporation.

According to Dr. Samuel Goldblith, executive officer of the department, the reasons for the change were an increasing emphasis on basic scientific study and the simple fact that the former name was too long.

## Course Selection

## Stratton, Bush Address Freshman Convocation

"Don't be guided by the employment notices, or the current popularity of a particular field. You can't outguess the future of technology."

Thus President Julius A. Stratton addressed a convocation of freshmen Monday evening in Kresge Auditorium. Stratton, who shared the platform with Dr. Vannevar Bush, Honorary Chairman of the MIT Corporation, went on to say, "The one sure key to success is an absorbing interest in the subject. Shape your own plan of education toward some goal, and let that goal develop with your own growing maturity."

Summing up the five types of professional people trained at MIT, President Stratton said:

The scientist is motivated by a desire to understand. It is his passion to know, to learn, to advance man's intellectual reach that moves him.

The engineer builds things. He is a man who builds, who constructs, who does. His function is to draw on the whole body of scientific knowledge and shape it toward useful purposes.

The architect, like the engineer, is a builder, a maker. He must have a feeling for materials and cost as well as for style and art.

The man trained in the humani-

ties and social sciences is concerned with social as well as technical problems. His study provides a base for a large number of careers for graduate work in a specialized field.

The man trained in industrial management coordinates the technological and human aspects of business firms.

Speaking to freshmen and sophomores who have not yet selected courses of study, President Stratton urged them to "take full advantage of the departmental programs that have been planned" and to attend the open houses and other events.

"The freedom you enjoy," he added, "carries with it the responsibility of personal initiative."

Dr. Vannevar Bush preceded Stratton in the program. He stressed the importance of the course decision and told the freshmen that they had come to MIT to acquire a greater understanding of nature and the laws that govern it.

The freshman convocation was part of the Faculty Advisory Council program to help freshmen and sophomores in their choice of courses.

## Frankl To Lead Psychology Panel

Victor Frankl will lead a panel of four psychologists in Hayden Library Lounge at 8:00 pm Tuesday, April 2.

The subject will be 'Psychotherapy and Existentialism.'

Frankl's theory of psychology, "Logotherapy," introduces a concept which he calls "the will to meaning." It is explained in his new book, 'Man's Search for Meaning.'

Dr. Frankl is professor of neurology and psychiatry at the Uni-

versity of Vienna Medical School and president of the Austria Medical Society of Psychotherapy.

The three other panelists are Abraham Kaslow, head of the Brandeis Psychology Department; Gordon Allport of Harvard University, and Paul E. Johnson, Danielsen Professor of Psychology at Harvard University.

The lecture will be sponsored by the Unitarian Universalist Billings Fund.

## 30 Cambridge Boys Given MIT Tour



Thirty members of the Boy's Club of Cambridge were taken on a tour of MIT last Saturday afternoon by residents of Bemis fifth. Professor E. L. Gamble performed a thermite reaction for the youngsters (above). The boys also saw a Van der Graff Generator owned by a resident of Bemis fifth (left), the PDP-1 Computer, and the Tech Model Railroad Club. —Photos by William Park

## Experiment Suspended Due To Complaint

In response to a student complaint about payment for an economics experiment, Prof. Hans-Lukas Teuber, Chairman of the Psychology Section, has ordered the experiment suspended and additional payment made.

The experiment, studying bargaining, was being conducted at MIT by a Harvard graduate student, Lester Lave. Pay was dependent on performance. The minimum was \$3, but most subjects earned \$5 or more.

Lave placed an advertisement in The Tech in which he inadvertently created the impression that all participants would receive a minimum of \$5. One student complained to both the Student Placement Office and the Office of the Dean of Student Affairs.

Dean of Student Affairs Kenneth R. Wadleigh telephoned Lave, and they agreed that Lave would place a corrected advertisement, apologizing for any misinterpretation caused, and stating that the minimum was actually \$3.

Meanwhile, the Office of Student Personnel called Teuber, who then telephoned Lave. Teuber said that Lave would have to make additional payments to the 10 students who had received less than \$5, and would have to place an advertisement in The Tech apologizing and announcing that additional payment had been made. This advertisement appeared March 13.

He also told Lave that no ad-

ditional sessions could be conducted until the experiment was reconsidered by both Teuber and by the Committee on the Use of Subjects in Experiments headed by Medical Director Albert O. Seeler.

Three sessions have been conducted at MIT, on March 5, 7, and 12, and a total of 44 MIT students have participated. Lave told The Tech that he would continue to conduct his experiments with undergraduates, but that he might not use MIT facilities.

Dr. Seeler's committee, as well as Prof. Teuber, must approve any experiment which uses MIT students as subjects. They consider the safety, ethics, and scientific and educational value of these experiments. This procedure was instituted last year be-

cause of what Teuber called "free wheeling" in the procurement of subjects here.

They are particularly concerned with the safety of the participants, noted Teuber. He added that experiments at other schools have sometimes involved the use of harmful drugs.

Teuber also said that psychology experiments elsewhere often involve the use of deception, and that he is careful to see that no such experiments are conducted here.

MIT's Economics Department originally suggested that Lave should be allowed to use space in the Psychology Building. His experiment was then approved both by Teuber and by Seeler's committee, before he was allowed to proceed.

## Syracuse U. Offers Summer Arts Course

University College of Syracuse University is offering a summer program in the British Isles.

The student will engage in first-hand observation and study of the performing arts in Great Britain with emphasis upon major achievements in the legitimate theatre and the motion-picture and broadcasting industries.

In order to insure an immersion in the culture of the foreign country, each participant will live for approximately three weeks in the private home of a British

family. During the remainder of the summer, the group will spend about ten days in London, four days in Stratford-on-Avon, seven days in Edinburgh, and two days in Paris.

Applications will be accepted from undergraduates, graduate students, teachers, and other adults interested in an academic program abroad. They must be received before April 1.

The approximate cost of the program is \$1100. It will last from July 15 to August 29.

## Juniors To Study Eastern Culture In Asian Seminar

MIT juniors interested in participating this summer in a program of intercultural exchange in Asia are invited to a smoker today at 5:00 pm in the Jackson Room (10-280).

The World University Service and the National Student YWCA, with the assistance of a grant from the United States State Department, is sponsoring a seminar in Asia for 18 college students and 20 faculty and staff members.

The purpose of the seminar is to study the cultures of the East, with emphasis on the socioeconomic and political life of India. Particular emphasis will be placed on the study of the role of the university and of government and voluntary agencies in meeting the needs of developing countries.

MIT has been invited to submit a small number of candidates for this project to the World University Service. Anyone who is now a junior and who has an interest in Indian affairs will be considered.

At today's smoker, Prof. Huston Smith, of the Department of Humanities, and representatives of the World University Service will answer questions and distribute applications to interested students.

# THE TECH

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## Around The World

One of the outstanding features of an MIT education is that it encourages students to learn to think in international terms. Aside from MIT's obvious excellence in its formal academic curricula, the frequent and continued contact with professors and students with different backgrounds and from other cultures is one of the better ways that MIT educates for leadership.

The faculty is one of the most mobile in the world: several hundred members of the teaching staff are from dozens of other nations, and many of MIT's professors are working in other countries. The work of the Center for International Studies and much of the material in foreign relations courses increase the students' international outlook.

Last year, MIT had 793 foreign students — 12.3% of the student body. This large group of foreign students brings the world to MIT and encourages the exchange of ideas and values. They make the problems of the rest of the world more real and closer to American students. Constant work with groups of students from other countries teaches us to treat others as individuals and forget national differences.

Although bringing foreign professors and students to MIT increases students' knowledge of the world, most Techmen still lack insight, concern, and sensitivity to the problems of the rest of the world. Sending more MIT men abroad would help to improve this situation.

We see the following benefits to students who study or work in other nations:

1. They gain added respect and understanding for other people and cultures.
2. They broaden their knowledge of the continuum of human experience, and thereby are able to see their own society in better perspective.
3. They learn about other modes of thinking, social mores, values, codes of ethics, and ways of life, and they are able to see and feel the conditions that make some of them necessary.

There are a large and growing number of ways that students may go

abroad. MIT already has two superb plans: the Civil Engineering Department's Inter-American Program and the School of Industrial Management's program's in India and Africa. The Peace Corps provides good opportunities. There are several organized travel, work, and study programs available, as well as independent programs that the student can arrange for himself. The Placement Office has several permanent jobs each year in Europe, as well as summer work there.

Despite all these alternatives, many student, faculty, and administration leaders feel there is a need to provide planned educational experiences in another culture.

The most meaningful experience — those of the greatest lasting value — should emphasize the magnitude and importance of the major issues in the world and cause the student to consider spending several years working or living in other parts of the world.

We think that work or study experience in which the student will have a chance to become involved in the life of the foreign society are of much greater value than travel or tourism. These experiences should be open to all students; there should be no economic segregation.

Most faculty and administration people are convinced that study at other schools will involve a sacrifice in the quality of the MIT student's technical education. Hence they oppose junior-year-abroad programs.

However, Prof. B. Alden Thresher, former director of admissions, points out that:

1. No man is educated if he knows only his own culture, environment, and time.
2. You cannot know the full impact of a different culture until you live in it.
3. The leaders twenty or thirty years from now will be people with the breadth of vision that a good foreign experience can foster.
4. It is worth throwing away a year of professional work to get an experience of this type.

Despite the disparaging remarks that faculty members often make about the quality of technical education in other countries, courses in the humanities are generally accepted as being equivalent to ours.

We suggest, therefore, that further consideration be given to a plan that would involve a single term of study abroad. Typically, the student would take some transferable humanities subjects that could be credited to his Institute requirements or unrestricted electives.

This plan would keep the time loss to half a term or less — a loss that can easily be made up by most students during their other seven terms at MIT. The study abroad could easily be combined with a job in the summer adjoining the study term.

One of the things we find most distressing when speaking to students and Institute officials is that each group seems to be waiting for the other to take action.

Although Incomm let the matter drop for the past few years, and many faculty and administration members seem to be waiting for student initiative, both groups agree that more action should be taken to help MIT students get abroad.

We believe foreign opportunities are important. There is nothing to be gained from delay. We hope that the students and faculty will get together and initiate action within the next few weeks.

## Letters to The Tech

### More Springfield Oval

To the Editor:

The use of Springfield Oval at MIT was protested during the UAP campaign. I would like to enlarge this protest to include MIT washrooms in general.

Although kept reasonably clean, the washrooms retain a characteristic odor. This unpleasant smell could easily be eliminated by the use of deodorizers or fans.

Liquid soap dispensers are heavily coated with a mixture of caked soap and grime. The nicotine-like odor of the soap itself seems permanent.

Paper towels, besides being abrasive, disappear rapidly. Larger and more absorbent towels would remain longer, since fewer would be needed for each drying. Voluminous, open-topped waste cans should be provided for used towels.

Name Withheld Upon Request

### Endorsements, No!

To the Editor:

I wish to voice what I have found to be a fairly general reaction to The Tech's recently instituted policy of endorsing a candidate in the UAP elections.

In small print on the editorial page I find a statement to the effect that "unsigned editorials in The Tech are the opinion of The Tech's Board of Directors, not that of MIT." Despite this unobtrusive warning, The Tech represents at least the unofficial voice of the MIT undergraduate body.

If this is so, The Tech's Board of Directors is in the enviable position of being able to disseminate its personal views more efficiently and (perhaps) more effectively than any other student group.

This position should be used wisely. I feel that in the recent election it was not. I personally would not object to The Tech's

commenting on the qualifications of the several candidates, but I protest the urging of "all students to vote for . . ." I further protest statements such as "we want a UAP who is dynamic and realistic. . . . We want John (Bill) Morris" — where "we" may be construed as the MIT student body.

It is significant that The Tech's UAP choice has not been the students' choice in the two elections since the institution of The Tech's endorsement policy. I urge the present and future boards of directors of The Tech to refrain from using their privileged positions to propagate their personal views on UAP candidates and to leave the selection of the main representative of the student body to the innate wisdom of the students themselves.

Duncan Miller '64

### SH\*TS Tops TNT

To the Editor:

Your monopoly over what news filters down to the Techman does not sanction your refusal to publish the fact that the Senior House SH\*TS (Senior House Intercollegiate Tiddlywink Society) won a 13-8 tiddle triumph over TNT (Tech Newspaper Tiddlywinkers) in their Winter Weekend tiddle-tangle.

The SH\*TS was patient and forgiving enough to tolerate the omission of this most important news item in the edition of The Tech which followed after Winter Weekend, considering the abundance of political fillers which made up that issue, but your continued silence in the next edition has forced us to demand that you swallow your shame and make known the truth, including the fact that 4 of your 8 points were scored by a SH\*TS-trained squidgerette, Miss Marcia Wegner of Simmons College.

John Bryson Eulenberg '64  
Chairman, SH\*TS

## Kibitzer

By MICHAEL LINAH

### NORTH

♦ 9 8 7 6 5  
♦ K Q 7 4 3  
♦ 9  
♦ 8 6

### WEST

♦ Q  
♦ 8 6 2  
♦ K 10 8 7  
♦ A K 10 9 4

### EAST

♦ 10 4  
♦ A J 10 9 5  
♦ A Q 3 2  
♦ J 2

### SOUTH

♦ A K J 3 2  
♦ —  
♦ J 6 5 4  
♦ Q 7 5 3

East West were vulnerable.  
North Dealt.

NORTH	EAST	SOUTH	WEST
Pass	Pass	1♣	2♣
3♣	4♥	4♣	Pass
Pass	Double	ALL PASS	

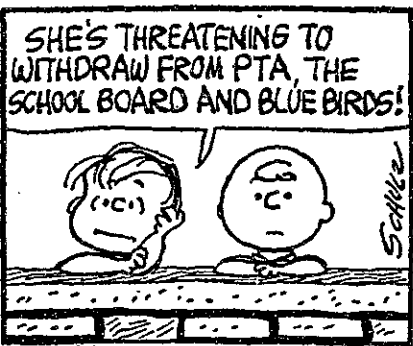
West opened the King of Clubs. Seldom does a hand occur which offers problems in all three major aspects of bridge: bid, defense, and declarer play. Today's hand is an exceptional example of such a hand, and would test the ability of anyone who considers himself good at the game of bridge.

South opened in third seat with

a light One Spade bid. West competed with a Two Club overcall. The next three positions all have difficult calls to make. North saw fit to make a strategic Three Spade bid, attempting to coax the opponents into Four Hearts. East is in an almost impossible position. His best two bids are Four Clubs and Four Hearts, and he finally decided on the latter. South chose the aggressive path and bid Four Spades, which East doubled, and there the auction ended.

North was still berating his partner for bidding Four Spades as he put the dummy down after West opened the King of Clubs. West was happy at not being in Four Hearts, and happy to see his partner's Jack on his King. He continued with the Ace and a low Club. South casually played the nine of Diamonds to this trick, and the contract was cold. He won the return, drew trumps in one round, cashed the good Queen of Clubs and crossruffed the rest of the hand.

West should, of course, set the contract. He should cash the King of Diamonds before giving his partner the ruff. His partner is marked with the Ace of Hearts and one other outside honor from the bidding. If it is the Ace of Diamonds, he will win the King, and then play the Ace and a small club to give his partner a ruff. If it is the Ace of Spades, his partner will be able to regain the lead with it, and return to his hand with the Ace of Clubs for the ruff.





LSC Presents Recorded Lectures With Slides On French Civilization

"French Civilization as Reflected in the Arts" is the subject of a series of slides and recorded lectures being given by the Lecture Series Committee in cooperation with the Humanities Department.

The 20-lecture series depicts the history of France through the use of slides showing mosaics, paintings, tapestries, tombs, secular and clerical architecture, and other relics.

The slides are accompanied by tapes which discuss briefly the significance of the items shown.

The lectures of this series were donated to the Department of Humanities by Mr. and Mrs. Alfred Loomis. They are being presented Wednesday evenings at 7:00 pm in the Hayden Library Projection Room, 14-0615.

The schedule for the remainder of the term follows:

- April 3 Life and Arts in the XV Century
- April 10 Life and Arts in the XVI Century
- April 17 The Time of Henri IV, Louis XIII, Louis XIV Versailles and Its Influence
- April 24 Watteau, Chardin, and Their Time Boucher, Fragonard, and Their Time
- May 1 Louis David and The Revolutionary Period Life and Arts - The Directory, Consulate, Empire
- May 8 The Romantics and Romanticism The Realists and Their Time
- May 15 Life and Arts under the Second Empire The Impressionists and Their Time
- May 15 The Three Giants The Neo-Impressionists

Inside Inscomm Inscomm Will Elect Subcommittee Chairmen; Interviews To Be April 6, Elections April 9 By Jerry Luebbers, UAP-Elect

Prospective members and chairmen of the following committees will be interviewed by the Institute Committee's Executive Committee Saturday, April 6. Elections will be held at the Institute Committee meeting Tuesday, April 9.

**Finance Board** There are five Finance Board positions open, two for next year's seniors and three for next year's juniors. The seven-man board is responsible for allocation and control of ap-

proximately \$45,000 given annually by MIT to student activities. (Chairman: Steve Miller, Kappa Sigma)

**Freshman Coordinating Committee** Inscomm will elect only a new chairman of the Freshman Coordinating Committee. He and the committee he chooses will be in charge of orientation programs, the Freshman Council, and related matters. (Retiring chairman: Bill Pinkerson, Zeta Beta Tau)

**International Students Council** The function of the International Students Council is to aid foreign students at MIT and to run International Week. It is con-

sidering expansions of a substantial nature. (Retiring chairman: Juan Calvo, Baker House)

**Public Relations Committee** The new chairman of the Public Relations Committee will have enlarged responsibilities, including close contact with the MIT Office of Public Relations, outside sources, and other schools, as well as the Inscomm Newsletter. (Retiring chairman: Bob Johnson, Phi Delta Theta)

**Student Committee**

**On Educational Policy**

The Student Committee on Educational Policy is concerned with such questions as feedback, curricula, seminar programs, and other topics pertinent to academic matters. (Retiring chairman: Gerry Burnett, Beta Theta Pi)

Students interested in any of these Committees should feel free to contact present or retiring chairmen and members, to submit a brief introductory statement, and to check with Betty Hendricks in Litchfield Lounge (Walker Memorial) for an interview appointment.

Kibitzer

(Continued from Page 4)

Although North will probably be surprised, Four Hearts can be made by East on the hand. The best defense is the opening of the Ace and King of Spades. Dummy ruffs the King. South must not draw trumps. If he does he will go down two, as repeated ruffs will shorten East's trumps. He must get to his hand with a diamond and finesse the Jack of Clubs. A second club puts him in dummy. North is couped, he must ruff, or else another club is played. He ruffs with the four, and East overruffs with the five. South returns to the board with the ten of diamonds. North must ruff, or else Clubs are pushed through him again. This is the position, South's hand being immaterial:

<b>NORTH</b>	
♠ 9 8 7	
♥ K Q 7	
<b>WEST</b>	
♥ 8 6	<b>EAST</b>
♦ K 8	♥ A J 10 7
♣ 9 4	♦ Q 3

If North leads a Spade, South pitches a Diamond and ruffs in dummy. A Club lead coups North—whatever card he ruffs with, East overruffs, and knocks out the other high trump, claiming the balance for Four Hearts, doubled making. If North ruffs the first club with the King, East overruffs, and plays a diamond to dummy, and a similar position arises, with East still making his contract.

**PUZZLER** Answer to last week's hand: You as South hold:

♠ K J 5	♥ Q 10 7
♦ A 10 3 2	♣ K 10 6

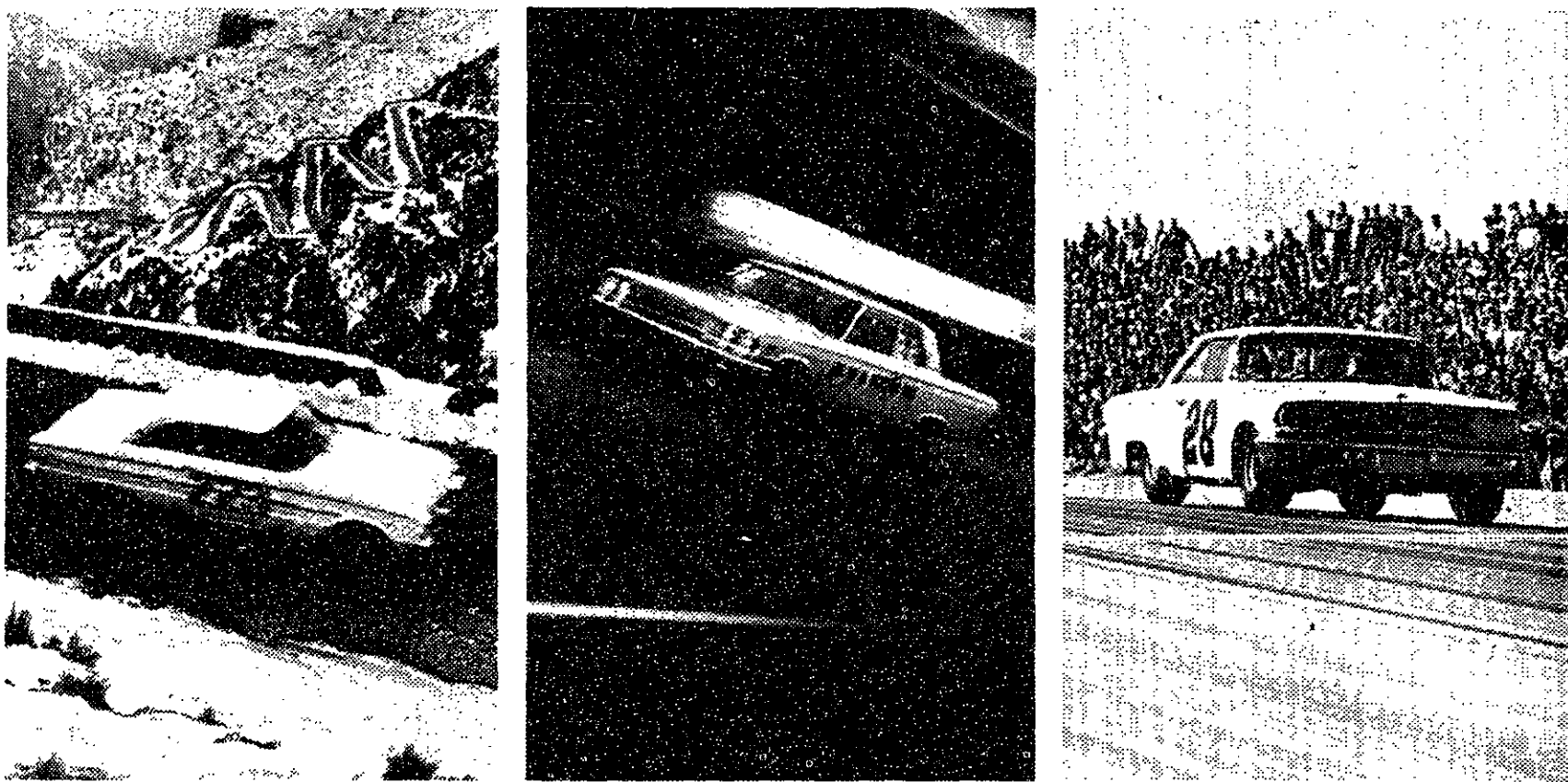
The bidding has proceeded:  
**WEST NORTH EAST SOUTH**  
1♠ Pass Pass ???

What do you do? Answer: One No Trump. This is a balancing bid, showing a hand with balanced distribution, twelve to fourteen points, and a stopper in the opponents' suit. With a strong No Trump opener, you should double, then rebid One No Trump.

This week's hand: You, South hold:

♠ K 9 5	♥ A J 4
♦ A Q J 4	♣ Q J 7

North opened One Club, and East overcalled Four Hearts. Your side only is vulnerable at duplicate. What do you bid?



36 DAYS THAT CHANGED THE PERFORMANCE PICTURE IN AMERICA

In 36 days, starting with the Monte Carlo Rallye in January of this year, our products have posted a series of competition wins that have made performance history. Here's what has happened:

Three V-8 Falcon Sprints were entered in the Monte Carlo Rallye. This is not a race. It is a trial of a car's total capabilities. We did it (nervously) for the experience and with practically no sense of expectation, because we had not entered an event like this before. One Sprint ended the experiment in a snow-bank. But the others finished 1-2 in their class with such authority that they moved the good, grey London Times to say: "The Falcons are part of a power and performance plan that will shake up motoring in every country in the world." That was Number One.

Number Two was a double win in the Pure Oil Performance Trials. Fords captured Class 1 and Class 2 (for high performance and large V-8's). Both of these trials were for over-all points rolled up in economy, acceleration and braking tests.

Then, at Riverside in California, in America's only long-distance stock car event that is run on a road course (as opposed to closed circuit, banked tracks such as the track at Daytona), Dan Gurney pushed a Ford to first place.

The latest news comes north from Daytona. There in the open test that tears cars apart—the Daytona 500—Ford durability conquered the field. Fords swept the first 5 places... something no one else had equaled in the history of the event. In a competition—which anyone can enter—designed to prove how well a car hangs together, 9 Fords finished out of 12

entered... a truly remarkable record considering that over 50% of all cars entered failed to finish.

Why do we keep such an interested eye on competitions such as these? Is speed important to us? Frankly, no. The speed capabilities of the leading American cars are now grouped so closely together that the differences have no real meaning. To us, who are building cars, success in this kind of competition means just one thing: the car is strong. This kind of performance capability means that the car is so well built that it can stand up to normal driving—the kind of day-in, day-out demands you put your own car through—for thousands of miles longer than less capable cars.

In tests like the Daytona 500 and Riverside, we find out in an afternoon what might take us 100,000 test-track miles to discover. We learn how to build superior strength into suspension systems, steering systems, drive train, body, tires. Anyone can build a fast car. What we're interested in is the concept of "total" performance.

We believe in this kind of total performance because the search for performance made the automobile the wonderfully efficient and pleasurable instrument it is today—and will make it better tomorrow.

America's liveliest, most care-free cars!





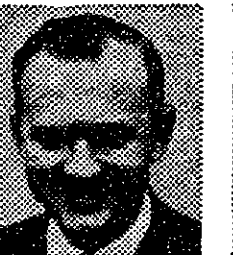




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# Tempest Winners...Lap 2!

 <b>CDT. B. R. GARDNER</b> V.M.I.	 <b>DAVID E. LLOYD</b> SAN DIEGO ST.	 <b>H. H. ANDERSON</b> OKLA. ST. U. (Fac.)	 <b>RICHARD L. SMIT</b> U. OF MICHIGAN	 <b>R. MONTGOMERY, JR.</b> TEXAS TECH. COLLEGE	 <b>ROGER A. KUETER</b> LORAS COLLEGE	 <b>EARL F. BROWN</b> GOLGATE (Fac.)
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**LE MANS**  
America's hottest new sports convertible!

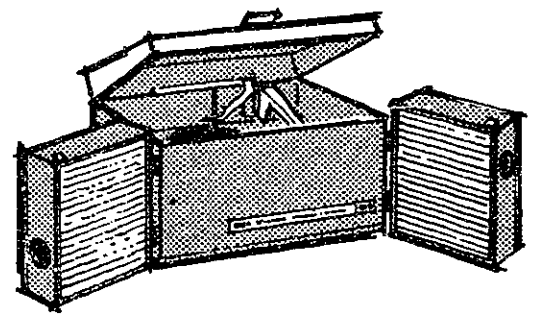
 <b>R. I. SALBERG, JR.</b> U. OF CAL.	 <b>V. M. McMANAMON</b> DEVRY TECH. INST.	 <b>JOSE M. MARTINEZ</b> GONZAGA U.
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# Did you win in Lap 3?

**IMPORTANT!** If you hold any of the 15 winning numbers, claim your Pontiac Tempest LeMans Convertible in accordance with the rules on the reverse of your license plate.

All claims for Tempests and Consolation Prizes must be sent via registered mail, postmarked by March 23, 1963 and received by the judges no later than March 25, 1963.

If you hold a Consolation Prize number, you win a 4-speed Portable Hi-Fi Stereo Set, "The Waltz" by RCA Victor. Or, you may still win a Tempest! (See official claiming rules on reverse of your license plate, and observe claiming dates given above.)



**LAP 3...  
15 WINNING  
NUMBERS!**  
20 CONSOLATION PRIZES TOO!

- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| 1. <b>A486272</b> | 6. <b>B304290</b>  | 11. <b>C426799</b> |
| 2. <b>C356696</b> | 7. <b>A622200</b>  | 12. <b>A441627</b> |
| 3. <b>A062375</b> | 8. <b>A000831</b>  | 13. <b>C741245</b> |
| 4. <b>C628490</b> | 9. <b>C050080</b>  | 14. <b>B443354</b> |
| 5. <b>B797116</b> | 10. <b>B711674</b> | 15. <b>B597516</b> |

### CONSOLATION PRIZE NUMBERS!

- |                   |                    |                    |                    |
|-------------------|--------------------|--------------------|--------------------|
| 1. <b>B896122</b> | 6. <b>B507111</b>  | 11. <b>D801532</b> | 16. <b>C079585</b> |
| 2. <b>C359461</b> | 7. <b>C479883</b>  | 12. <b>B784902</b> | 17. <b>A973027</b> |
| 3. <b>C669684</b> | 8. <b>C688698</b>  | 13. <b>A151426</b> | 18. <b>B315344</b> |
| 4. <b>A790991</b> | 9. <b>B763706</b>  | 14. <b>H176099</b> | 19. <b>A766043</b> |
| 5. <b>A537928</b> | 10. <b>B468625</b> | 15. <b>B429004</b> | 20. <b>C031599</b> |

# L & M GRAND PRIX 50

**Sweepstakes for colleges only**  
More than 50 times the chance to win than if open to the general public.

## 20 Tempests to go!

Get set for the last lap . . . 20 more Tempests and 25 more Consolation Prizes! Of course, entries you've already submitted are still in the running—but enter again and improve your odds! And, if you haven't entered yet, NOW'S THE TIME! All entries received before March 29th will be eligible to win one of the 20 Tempests to be awarded in Lap 4! So pick up an entry blank where you buy your cigarettes . . . today!

**EXCLUSIVE FOR THE GIRLS!**  
If you win a Tempest you may choose instead a thrilling expense-paid 2-week Holiday in Europe—for two! Plus \$500 in cash!



**Get with the winners...  
far ahead in smoking satisfaction!**

SEE THE PONTIAC TEMPEST AT YOUR NEARBY PONTIAC DEALER!

## Book Review Contest Offers Job As Prize

The winner of a book review competition sponsored by Grosset and Dunlop, Inc., will receive a summer editorial job with the publishing company's New York office.

Salary, board and round-trip traveling expenses will be paid by the sponsor. The competition is open to all current undergraduates at accredited colleges and universities in the United States. The deadline is May 1.

Rules and information about the competition are available from Book Review, Grosset and Dunlop, 1107 Broadway, New York 10, New York.

The winner of the grand prize will serve as a regular member of the Grosset and Dunlop editorial staff for nine weeks, from July 1 to August 31, 1963.

He will participate in conferences with others of the editorial department and sit in on sessions with authors, agents, artists and book production specialists.

## Summer Work Directory Available To Job Seekers

Students who want summer jobs may now obtain the 1963 "Summer Employment Directory."

The directory gives the names and addresses of 1,485 organizations throughout the United States which want to employ college students. It also gives positions open, salaries, and suggestions on how to apply.

Students wishing summer work apply directly to the employers, who are included in the directory at their own request.

Copies of the new "Summer Employment Directory" may be obtained by sending \$3 to National Directory Service, Dept. C, Box 32065, Cincinnati 32, Ohio.

## Peace Corps Exam Sat.

The next Peace Corps Placement Test will be administered Saturday at 8:30 am at Memorial Hall, Harvard University.

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Special  
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Rates**

**TIME**

1 Year	4.00
(less than 8c a copy)	
21 Weeks	1.87
(only 9c a copy)	
2 Years	8.00

**LIFE**

1 Year	2.98
(less than 6c a copy)	
6 Months	2.00
(only 8c a copy)	
2 Years	5.95

**SPORTS  
ILLUSTRATED**

1 Year	5.00
(less than 10c a copy)	
2 Years	8.50

**FORTUNE**

1 Year	7.50
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**THE TECH COOP**



## Rapid French Economic Growth Analyzed By Prof. Kindleberger

Economic growth in France since World War II is as impressive as the resurgence of German industry, according to Charles Kindleberger, professor economics at MIT.

He attributes this growth to technological change, the increased influence of young men and fresh ideas, and a nationwide acceptance of the need for an expanding economy.

"Today, French engineers are spread all over the globe on a variety of technical tasks," he points out. "In the short space of 15 years, French engineering has risen from a European substand-

ard to the equivalent of the world's best."

Prof. Kindleberger makes these and other observations in a recently published book, 'In Search of France,' co-authored by five other scholars in the fields of economics, politics, and sociology.

The others are Francois Goguel, secretary-general of the French senate; Prof. Stanley Hoffman, of Harvard; Prof. Jean-Baptiste Durosselle, of the Fondation Nationale des Sciences Politiques, in Paris; Prof. Jesse Pitts of Wayne State University, in Detroit; and Prof. Laurence Wylie, of Harvard.

## College World

## Four UNH Students Get Probation For Doing 'Public Relations' Work

By Toby Zidle '63

Can writing letters become dangerous? Four students at the University of New Hampshire would answer that it can. In fact, they are on probation for the remainder of the year because they wrote letters.

It all started with a term project for a "Speech 47" class. To test their hypotheses about mass communications, the four students collaborated in inviting several Hollywood stars to UNH.

The object of the program, according to one of the students, was "a public relations attempt to get an innocent and spontaneous reaction to an emotional appeal." The students felt that the stars would not come to UNH without considerable financial remuneration. No funds were available.

Here the "emotional appeal" came into prominence. The stars were requested to come to UNH in order to stage a benefit performance for the airmen at Pease Air Force Base.

To implement the plans, one of the students wrote letters to both Brigadier General A. J. Beck, Commander of the 817th Air Di-

vision with headquarters at Pease, and the Pease AFB Information Officer. He explained that he was engaged in a debate about Air Force ROTC and requested information to help him prepare for the debate. Several days later he received replies from both General Beck and the Pease Information Officer.

The students then proceeded to block out the typed portions of the stationery and put it through an office duplicating machine. The result was fourteen copies of each type of stationery complete with authentic signatures. The next step was typing General Beck's "official approval" of the benefit.

Other letters with a similar content were typed on the stationery of the Pease Information Officer and on stationery of the President's Office of UNH. The latter was signed by one of the students—assuming the title of Director of Public Relations.

Copies of each of the three letters were put into envelopes addressed to the fourteen celebrities and sent off by registered mail. The letter ostensibly written by the Director of Public Relations gave an address of one of the University dormitories to be used for replies. The envelopes used, however, had the return address of the President's Office at UNH.

Here is where the trouble began. Jack Benny, one of those invited, was not available to receive his letter; and so the letter was "returned" to the President's Office.

It was just a matter of days before the four students were brought before the University Judicial Board to explain their actions. When asked what would have been done if any of the performers had accepted the invitation, the students replied that they knew no one would come because of the very short notice that was given.

Of the replies received from the stars, all expressed regret that they would not be able to attend. None doubted the validity of the request.

In addition to being placed on probation, the students were asked to make a personal visit to General Beck to apologize for their actions.

**New Benefits For Barnard**  
Not all benefits come from Hollywood. A few sympathetic philanthropic Columbia upperclassmen have decided that they, too, can furnish benefits. So, for

the bored and lonely girls at Barnard College, they have recently formed the Committee for Better Interpersonal Relations.

In an advertisement in the *Barnard Bulletin*, they urge Barnard girls "disappointed with social life on Morningside" to feel free about turning to the new service.

In order not to discourage girls in financial need, the Committee is generously offering its services free of charge.

**Urged To Become Kelly Girls**

Columbia men have been urged to become Kelly Girls. Seeking college-age males with nasal congestion, Kelly Girls, Inc., a nationwide temporary employment service, has turned to Columbia with a plea for head colds and other sinus ailments.

According to a KG representative, the only qualification is that "when you try to inhale through your nose, no air comes in." The congestion, she added, can be caused by a cold, an allergy, congested sinuses, or a nasal drip. Chest congestion or a plain sore throat, however, just will not do.

The employment service was testing a room spray with a built-in decongestant. "Essentially we are looking for the '9 out of 10' who recommend the product," remarked the representative. The spray is designed to relieve congestion in children who "don't like to take nose drops."

**For Co-op Students**  
Antioch College, in Yellow Springs, Ohio, bases its curriculum around the co-operative system, in which classroom learning is supplemented by vocational experience. Hence, students spend a number of terms on a job away from school.

Several students assigned to work for the newspapers in Cleveland found themselves with an unexpected problem when the newspapers went out on strike. It appeared that they would be deprived of enough co-op credits to delay their graduations.

Recognizing the problem, Antioch's Extramural Department, which administers the co-op programs, has ruled that students can earn their co-op credits by participating in the picket lines.

## Physics Survey Says Ph.D. Increase Slow

The American Institute of Physics has published an 87-page report summarizing current knowledge about the education, employment, salaries, and location of physicists. Compiled by the Institute's Advisory Committee on Manpower, of which Prof. Phillip M. Morse of MIT's Department of Physics is a member, the study points up several trends in physics manpower.

While the number of bachelor's and master's degrees awarded has doubled in seven years, the number of doctorate recipients has increased by only 20% during the same period — a low rate of increase in view of the demand for Ph.D. physicists.

A proportional decrease of Ph.D. candidates who did undergraduate work at "small liberal arts colleges" was pointed out. The committee expressed alarm at the decreasing proportion of physicists in the teaching profession and the "pitiful" production of high school physics teachers.

There is a trend in industry for physicists to concentrate in a relatively few industries. Three leading industries — aircraft, electrical, and chemical — employed 70% of all industrial physicists in 1960.

By 1970, the committee estimates the number of physicists will reach the 57,200 mark, as compared with 28,200 in 1959, two thirds of whom will be employed in industry.

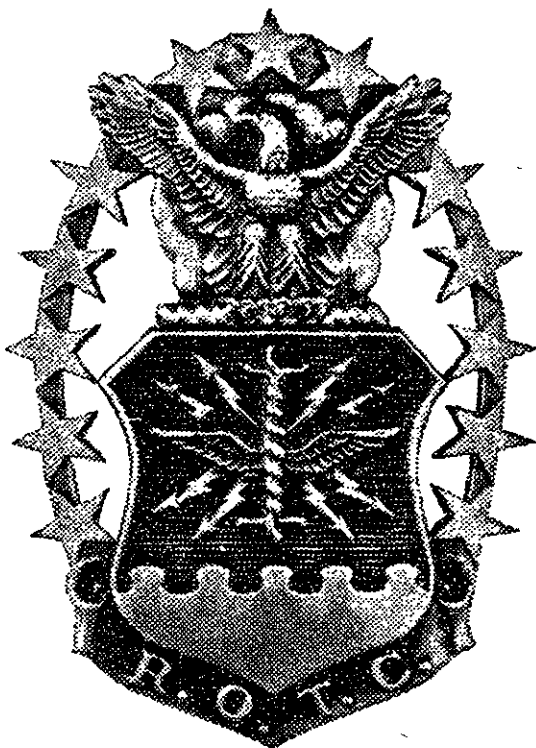
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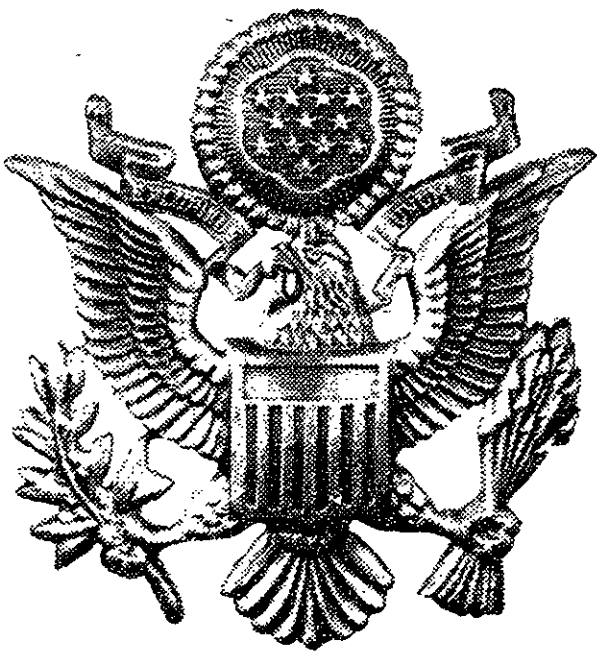
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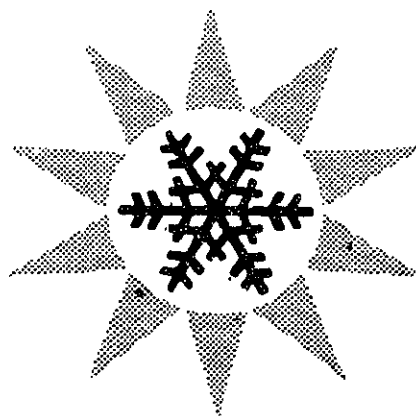
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# The Tech Takes Look at Spring Sports

## Sailors Launch Boats On Charles April 1

By David Schlossberg

The varsity and freshman sailing teams have their first meetings of the season at the Sailing Pavilion Monday, April 1, 5 p.m. All new people who are interested in coming out are welcome, as the team has an ambitious schedule this spring and will need some depth to compete adequately in all its regattas.

Although the team made a rather mediocre showing last fall, averaging third behind Harvard and Coast Guard all season, there were a few bright spots. Ken Klare '63 was high point skipper in New England, and Fred Kern '65 showed good potential at the end of the season when he was in serious competition for the high point positions in various regattas.

This term, with both Klare and Kern, the new captain, returning, the team is determined to show its full potential. As a result, regular practice regattas will be run by the new team manager, Perry Seal '65. People doing well in the practices will have a chance to compete intercollegiately. Also returning this spring are Mike Lifschitz '63, Scott Hynek '65, Henry Weill '64, and Dave Hoover '63.

On the freshman side of the ledger, things look quite promising for the spring. Terry Cronberg, who was top freshman skipper in the East last fall, is the new team captain. To back him up, he will have last fall's veterans: Joe Smullin, Bob Purcell, Don Schwanz, and Bob Hatch.

## Golfers Set For Southern Trip; 5 Matches Slated For Vacation

With the loss of three starters from last year's squad, MIT's golf team faces a tough struggle to emerge with a winning season this year. As a result of Fall matches, the team's record presently stands at 2-2, with the Spring action starting with a five match trip to the Virginian and Maryland area during Spring Vacation.

### Six Lettermen Return

Coach John Merriman is counting on co-captains Mike Finson '63 and Neil Hull '63 and lettermen Bill Graham '64, William Lakin '64, Emilion Sardi '64, Glenn Smith '64 to compose most of this year's starting squad. Among the promising prospects from last year's freshman squad are Peter Lubitz, Roy Carver, and John Sinnott.

During the upcoming vacation Coach Merriman and eight squad members will journey southward to play the University of Maryland, William and Mary, Old Dominion, The University of Virginia, and Howard University.

### Home Action Starts April 15

Matches with local opposition will begin with a home contest with Tufts at Oakley Country Club on April 15. Other matches this Spring will be played against Boston College, Trinity, Williams, Boston University, and Harvard.

The frosh squad, under the coaching of Capt. Lewis Larson, Jr., USN, a former letterman at MIT, will begin practicing as soon as possible to get in shape for a schedule of eight matches against Exeter, Governor Dummer, Harvard, and others.

## IM Badminton Tourney Nears End

As the double-elimination intramural Badminton tournament approaches its final week six teams remain in contention for the championship. Chinese Students Club and Baker "C" are undefeated, and Chi Phi, Burton "B", Grad House, and Lambda Chi Alpha "B" have one loss each.

### RESULTS

Chi Phi 2, PKT 1  
Baker "C" 2, PDT 0  
SAE "B" 2, LCA "D" 0  
Burton "B" 2, PSK 0  
LCA "A" 2, TDC 0  
ATO, TEP (forfeit)  
SAE "A" 2, SFE 1  
SC 2, LCA "C" 0

PDT 2, PKT 0  
PSK 3, LCA "D" 0  
Chinese Students 2, Grad House 0  
Senior House 2, Baker "A" 0  
LCA "B" 2, Burton "A" 1  
PBE 2, Baker "B" 0  
Baker "C" 2, Chi Phi 1  
Burton "B" 2, SAE "B" 0  
SAE "B" 2, LCA "A" 0  
Chi Phi 2, ATO 0  
Baker "B" 2, SAE "A" 0  
Burton "A" 2, SC 1  
PDT 2, Baker "A" 1  
Grad House 2, PSK 0  
Chinese Students 2, Sr. House 0  
Baker "C" 2, PBE 0  
Chi Phi 2, SAE "B" 0  
Burton "B" 2, Sr. House 0  
Burton "A" 2, PDT 1  
Grad House 2, PBE 1  
Chinese Students Club 2, LCA "B" 1  
Baker "C" 2, Burton "B" 0  
Chi Phi 2, Baker "B" 0  
Grad House 2, Burton "A" 0

## Baseball Team Starts Schedule In Baltimore Tuesday, March 25

The baseball squad travels South this spring vacation to begin the '63 season. The first game will be against Towson State Teacher's College in Baltimore Tuesday, March 26. The team also meets Howard Univ., Penn Military College, and Stevens Institute of Technology on this trip. The first home game is scheduled for April 6 against Wesleyan.

"Our pitching staff is the big question mark this year," says coach Jack Barry. Senior Harold Branson, bothered by arm trouble last year, is expected to provide some wins this year if his arm holds out. Also back is the pitcher who did most of Tech's relief pitching last year, junior John Prather. Much of the team's success will depend on the further development of senior Henry Nau and junior Bob Yanus. Two sophomore pitchers who have been showing signs of promise in practice so far are Rick Gander and Ralph Cicerone.

The infield is built around a solid nucleus of returning lettermen. First base is held down by Don Alusic '64, second base by Capt. Dave Sikes, '63, shortstop by Dick Adamec, '64, and the third base by Larry Demick, '63. Alusic led all hitters last year with a .326 batting average. Dennis Hinrichs, '64, took over the catching chores last year after being converted from his outfield position.

## 5 Returning Lettermen Lead Tennis Squad

The Tech tennis team leaves for its annual spring trip Saturday, March 23. This year the netmen travel south to meet West Virginia, North Carolina, North Carolina State, Davidson, Wake Forest, and Maryland. Last year's squad recorded a 4 wins, 1 loss, and 1 tie record on its spring trip.

Five of the top six positions on this year's squad will be held by returning lettermen, with Jack Moter '64 the sole newcomer. Probable starters for the trip are Bent Aasnaes '63 (New England E.C.A.C. tennis champion), Marty Ormond '64, Moter, Terry Chatwin '63, Bob Blumberg '63, Giovanni Franzi '63, Mike Long '65, Jim Taylor '63, Bill Petrick '65, Ken Comey '65, and Jon Burkhardt '64.

## On Deck

**Monday, March 25**  
Golf—U. Maryland, Away  
Tennis—U. Virginia, Away  
**Tuesday, March 26**  
Baseball—Towson State Teacher's College, Away  
Golf—William and Mary, Away  
Lacrosse—Hofstra, Away  
Tennis—U. of North Carolina, Away  
**Wednesday, March 27**  
Golf—Old Dominion, Away  
Lacrosse—C. W. Post Colleges, Away  
Tennis—North Carolina State, Away  
**Thursday, March 28**  
Golf—U. Virginia, Away  
Tennis—Davidson, Away  
**Friday, March 29**  
Golf—Howard, Away  
Tennis—Wake Forest, Away  
**Saturday, March 30**  
Lacrosse—Adelphi, Away  
Tennis—U. Maryland, Away

## Rifle Team Outshoots Northeastern To Win New England Title

MIT's rifle team beat Wentworth 1426 to 1365 Friday night. The match will be counted twice in the records, as there were to be two meetings of the teams, but Wentworth conceded the second match. Jim Downward, with a record total of 295, led the Engineers to a 1433-1430 victory over Northeastern to capture the New England College Rifle League Championship at Hanscom Air Base in New Bedford last Saturday.

In the Wentworth match the high firers for Tech were captain Dick Ludeman '63 and Joe Boling '64, both with 288, Downward with 285; Karl Frederick '65 with 283; and Bruce Peterson '63 with 282 rounded out Tech's scoring.

Downward Ties 11-Year Record  
Downward's 295 tied an 11 year old MIT record. This superb achievement was backed by the strong shooting of Ludeman, 288; Jerry Skinner '63, 286; Dave Hamada '65, 283; and Boling, 281. MIT's aggregate of 1433 overpowered Northeastern's strong bid for top honors of 1430. Coast Guard edged out Norwich for third place, 1420 to 1419. The University of Massachusetts took fifth with a 1405, while Maine was low team in the finals with a 1403. There are more than a dozen other teams in the league which had been eliminated in tournaments which were held the previous week.

Prior to the match, each college named three of its ROTC members to make up their own ROTC college teams who competed for an award offered by the Air Force. Ludeman, Skinner, and Boling, representing MIT, recorded a total of 855, placing second to Northeastern's 857.



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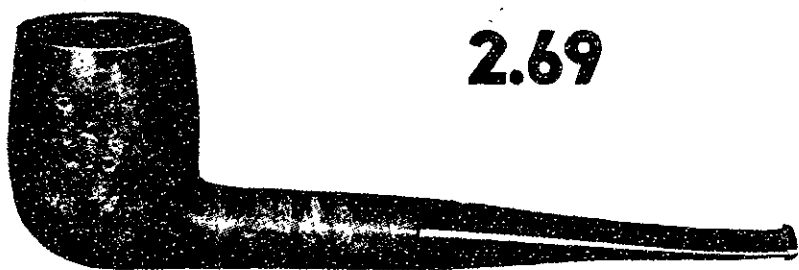


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**THE TECH COOP**



# MIT Fencers Win 33 Of 99 Bouts, Finish Eleventh In E.C.A.C. Tournament

Tech's fencers ranked 11th out of 12 teams entered in last week's 66th annual E.C.A.C. (Eastern Collegiate Athletic Council) Fencing Championships in Philadelphia. MIT took 33 bouts out of 99 bouts fenced, while Columbia won the meet with a score of 80 bouts.

2nd place went to New York University with 64 bouts, and 3rd place to Navy with 63 bouts. The competition has been dominated by Columbia, N.Y.U., and Navy since 1931. The other schools entered were Cornell, City College of New York, Princeton, Yale, Harvard, Rutgers, Pennsylvania, and Penn State.

## Three-Bracket Tourney

The competition in each weapon consisted of a 3-bracket (3-pool) tournament. The 1st bracket in each weapon pitted against each other the 1st-rated fencers from each school. The other 2 groups consisted of the 2nd and 3rd-rated fencers, respectively. 3 men from the first group, 2 men from the 2nd group, and one from the 3rd group

entered a round-robin fence-off to determine the individual winners.

## Saw In Fence-off For 3rd

Dave Snow '63, won 6 bouts to tie for 3rd place in epee. A fence-off gave the 3rd place spot to Harvard's Steve Khinoy. Dave Juncker '63 won 6 bouts to capture 4th place in the 2nd pool. MIT finished 10th in the epee with 13 bouts won of a possible 33.

## Oppenheimer Wins

Sophomore Mike Oppenheimer won 4 bouts in the 3rd bracket of foil competition. Ralph Zimmerman '64, successfully defeated his opposite on the N.Y.U. team, but finished with only one other victory. MIT finished 11th with 8 bouts won.

In sabre competition, Art Best '64 captured 5 bouts in the 1st pool, including one from the highly-ranked Navy team, and Bob Mason '63 won 5 bouts in the third pool. Neither score was sufficient to qualify for the individual championship round robin. M.I.T. finished 11th in sabre with 12 bouts won.

# 4 Teams Seek Volleyball Title Tonight

The winner of this year's intramural volleyball competition will be decided between 7:00 and 9:00 this evening. Last week the starting field of 32 teams was whittled down to 8 contenders for the title, and last night the number was reduced to four.

## 4 Teams Undeclared

As we go to press, the remaining teams are Graduate Management Society, Club Mediterranean, Sigma Alpha Epsilon, Electronic Systems Laboratory, the Chinese Students Club, Lambda Chi Alpha, and Sigma Phi Epsilon. The first 4 of these teams are as yet unbeaten in the double elimination tournament.

**Managers Feature Spiking**  
Graduate Management Society depends on powerful spiking (jumping high above the net, and slamming the ball down) for most of its points. So far, it has chalked up victories against Burton A. (15-6, 15-1) Chinese Students (15-7, 18-16), and Beta Theta Pi (15-8, 14-16, 15-6). Club Mediterranean features ball control, and

has scored over Graduate House B (15-11, 15-8), Baker A (15-10, 16-14) and Zeta Beta Tau (5-15, 15-5, 15-9).

## SAE Has Balanced Attack

Sigma Alpha Epsilon is another strong contender with a balanced attack, they have beaten Delta Kappa Epsilon 14-16, 15-0, 15-5, Graduate House Dining Staff (15-9, 15-9) and Alpha Tau Omega (15-4, 5-15, 15-9). Electronic Systems Laboratory has defeated Senior House (15-8, 8-15, 15-12), Sigma Phi Epsilon, (6-15, 15-8, 15-13), and Burton A (15-13, 15-7.)

Final regular season standing for B Leagues (A league standings were published last week):

## T-Club Elects New Officers

New T-Club officers were elected Wednesday, March 13. The president is Kim Sloat '63, the vice-president is Gary Lukis the secretary is David Carrier '66, and the treasurer is Ken Morash '65.

# Lacrossemen To Meet Hofstra In Opener

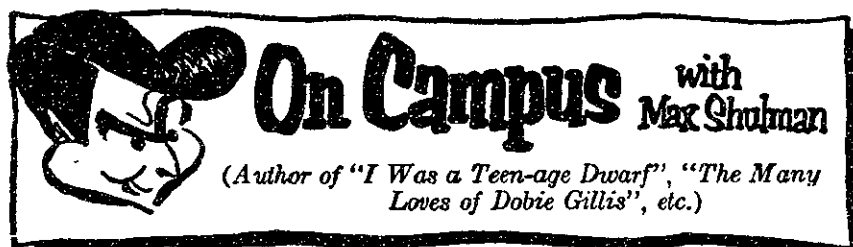
The MIT Lacrosse season will prove a good deal, he commented.

The Beavers play Hofstra, C.W. Post, and Adelphi Colleges on Long Island and C.C.N.Y. in New York City.

Coach Ben Martin predicts it will be a rough season. "We lost a good portion of our defense last year and the other teams we play in our regular schedule have im-

The returning first stringers are Wayne Matson '64; Tony Weikel '63; Henry Rack, '64; Edward Dreiss '64; and Richard Lipes '64.

Among the sophomores up from last year's freshman squad, Coach Martin expects good work from defenseman Roddy MacLeod.



## AMONG MY KINFOLK

My favorite cousin, Mandolin Glebe, a sweet, unspoiled country boy, has just started college. Today I got a letter from him which I will reprint here because I know Mandolin's problems are so much like your own. Mandolin writes:

Dear Mandolin (he thinks my name is Mandolin too), I see by the college paper that you are writing a column for Marlboro Cigarettes. I think Marlboros are jim-dandy cigarettes with real nice tobacco and a ginger-peachy filter, and I want to tell you why I don't smoke them.

It all started the very first day I arrived at college. I was walking across the campus, swinging my paper valise and singing traditional airs like *Blue Tail Fly* and *Death and Transfiguration*, when all of a sudden I ran into this here collegiate-looking fellow with a monogram on his breast pocket. He asked me was I a freshman. I said yes. He asked me did I want to be a BMOC and the envy of all the in crowd. I said yes. He said the only way to make these keen things happen was to join a fraternity. Fortunately he happened to have a pledge card with him, so he pricked my thumb and I signed. He didn't tell me the name of the fraternity or where it is located, but I suppose I'll find out when I go active.



Meanwhile this fellow comes around every week to collect the dues, which are \$100, plus a \$10 fine for missing the weekly meeting, plus a \$5 assessment to buy a headstone for Spot, the late, beloved beagle who was the fraternity mascot.

I have never regretted joining the fraternity, because it is my dearest wish to be a BMOC and the envy of all the in crowd, but you can see that it is not cheap. It wouldn't be so bad if I slept at the frat house, but you must agree that I can't sleep at the house if I don't know where the house is.

I have rented a room which is not only grotesquely expensive, but it is not at all the kind of room I was looking for. I wanted someplace reasonably priced, clean, comfortable, and within easy walking distance of classes, the shopping district, and San Francisco and New York. What I found was a bedroom in the home of a local costermonger which is dingy, expensive, and uncomfortable—and I don't even get to use the bed till 7 a.m. when my landlord goes out to mow his cesters.

Well anyhow, I got settled and the next thing I did, naturally, was to look for a girl. And I found her. Harriet, her name is, a beautiful creature standing just under seven feet high and weighing 385 pounds. I first spied her leaning against the statue of the Founder, dozing lightly. I talked to her for several hours without effect. Only when I mentioned dinner did she stir. Her milky little eyes opened, she raised a brawny arm, seized my nape, and carried me to a chic French restaurant called *Le Chipjoint* where she consumed, according to my calculations, her own weight in chateaubriand.

After dinner she lapsed into a torpor from which I could not rouse her, no matter how I tried. I banged my glass with a fork, I pinched her great pendulous jowls, I rubbed the legs of my corduroy pants together. But nothing worked, and finally I slung her over my shoulder and carried her to the girls dorm, slipping several discs in the process.

Fortunately, medical care for students is provided free at the college infirmary. All I had to pay for were a few extras, like X-rays, anaesthesia, forceps, hemostats, scalpels, catgut, linen, towels, amortization, and nurses. They would not, however, let me keep the nurses.

So, dear cousin, it is lack of funds, not lack of enthusiasm, that is keeping me from Marlboro Cigarettes—dear, good Marlboros with their fine blend of choice tobaccos and their pure white Selectrate filter and their soft pack and their flip top box.

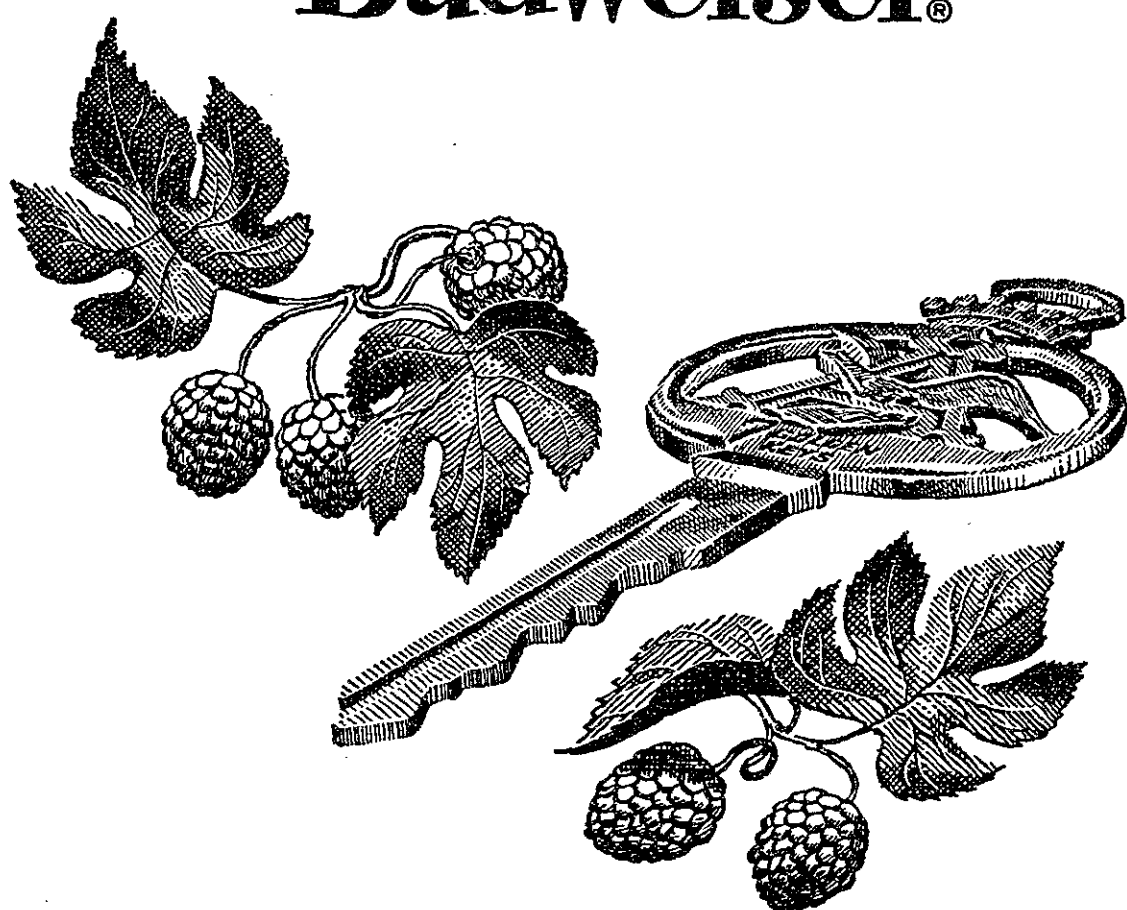
Well, I must close now. My pencil is wore out and I can't afford another. Keep 'em flying.

Yr. cousin Mandolin Glebe

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## TCA Invites Students To Volunteer Meeting

Students interested in the Social Service Division of the Technology Community Association may attend a discussion meeting at 4:00 pm tomorrow in Room 50-201, Walker Memorial.

The purpose of the recruitment meeting is to expand the Association's volunteer program. Current volunteer projects include the Roxbury tutorial project, neighborhood club work, organizing athletic programs, help for insecure children, Help Week projects, volunteer hospital work, and the Summer Study Program for high-school students.

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# Military Policy, Communism, Development Studied

By Anthony Pappas

Since its founding in 1951, the Center for International Studies has conducted research concerning international affairs. Today, the Center is primarily engaged in study in four areas: economic and political development, international communications, the Communist bloc, and military and foreign policy.

The Center is not a consulting agency for foreign nations or the federal government. It does not have any contracts with foreign nations to provide specific advice on economic problems. It merely tries to penetrate beneath current policy issues to the underlying social forces which continuously alter the framework of international affairs. However, the Center's studies are available to government agencies, and many of its members spend a certain portion of their time dealing explicitly with policy matters.

#### Development Programs

The Center is perhaps best known for its work concerning the underdeveloped countries. In the early years research on development was largely limited to economic analysis. While the economic dimension is still very much part of the picture, a sub-

stantial amount of research on the social and political aspects of change is now included.

When the Center undertakes a research project, each member of its staff usually concentrates on a specific topic. In the Indian program, which has lasted more than 10 years, for example, Prof. Paul N. Rosenstein-Rodan has been concerned primarily with problems of regional development and transportation, giving special attention to the appropriate balance between rail and highway expansion and to the total transport investment requirements for the third five-year plan.

Sir Donald MacDougall, of Oxford, investigated foreign-exchange requirements for the plan. In particular, he studied the export potential of the Indian economy and its effect on the Indian balance of payments.

This year, Dr. Robert Neild, of the London Institute of Economics and Social Research, is studying specific problems of fiscal policy adapted to Indian development needs and problems of price policy. An important aspect of this program has been to invite several young Indian scholars to MIT for further training in economic-development research.

Prof. Everett E. Hagen has this year edited a series of case studies on the planning experience of a number of countries for inclusion in a handbook on economic development planning. The studies analyze an economically advanced country, Great Britain, and eight less advanced countries.

The Center has for some time intended to extend the comparative basis of its research on development problems by undertaking studies in one or more Latin American countries. The Ford Foundation has provided support for a set of economic and social studies on major problems of Venezuelan society, intended to locate points of conflict and possible bases for consensus among a wide range of groups at different levels in Venezuelan society. The program will soon get under way.

Specifically, interviews will be conducted among representative groups in three major types of regions: highly industrialized and rapidly modernizing regions such as the Caracas-Maracaibo region; regions of low economic growth and social change such as the Andes and Cumana; and frontier re-

gions such as Llanos Occidentales.

#### International Communications

The Center's interest in the field of communications is currently demonstrated by research on a wide range of topics. Among these are the impact of communications upon modernization in underdeveloped countries and the effects of world attitudes toward American military strategy.

To make a military posture effective, we need to know how leaks, rumors, and intentional disclosures spread and get attention in countries where the political situation is sensitive to what we and our opponents do. Work in this field is supported by a grant from the Advanced Research Projects Agency of the Department of Defense.

#### The Communist Bloc

A new research project, under the direction of Dr. William E. Griffith, deals with the changing relationships among the various Communist parties and their implications both for the state of the world Communist movement and for United States policy.

This summer a study of the Indonesian Communist Party's role in the international Communist movement will be undertaken. The importance of the Indonesian Communist Party can be judged by the fact that it is the largest nonruling Communist party in the world and one of the few which appears to have some chance of coming to power.

#### Military and Foreign Policy

The first steps in the area of military policy were taken in 1960 with the establishment of a seminar on arms control. The project contemplates four areas of inquiry. The first is the impact of various proposals for arms control or disarmament on specific areas of foreign policy and national strategy. A second area is the international-security implications of arms control. Third, research into the complex area of Communism and arms control has been conducted. Last, the minimum inspection possibilities for arms control, including the problem of information content and flow, have been explored.

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**Concert Band Gives Modern Pieces**

By Janet Stober

Friday evening, March 15, the MIT Concert Band, gave a program of twentieth century music, including compositions by Milhaud, Schoenberg, Hervig and Hindemith which was warmly received by the audience.

The concert opened with 'West Point Suite' by Darius Milhaud. The suite is divided into three movements, the first being a short introduction. This movement is built around a principle theme first introduced by the brass and woodwinds. The second movement featured a flowing melody which passed from one instrument to another. The solo oboist, Carl Schlaikjer, and the first trumpet, James Ruttenberg, captured the lyricism of this movement. Unfortunately, this mood was not conveyed to the rest of the group and thus the melodic unity of this movement was lost. The third

MIT CONCERT BAND, John Corley, Conductor; West Point Suite—Darius Milhaud. Theme and Variations—Arnold Schoenberg. Music for Winds and Percussion—Richard Hervig. Symphony in B Flat—Paul Hindemith.

movement was presented with a spirit appropriate to its title, 'Fanfare.' In a contrasting second theme the oboe and saxophones were featured in some excellent solo work.

The following work, 'Theme and Variations' Opus 43A, by Arnold Schoenberg, is one of the earlier works of this composer. This work was originally to have been composed for high school band. The composer, however, found that he could not abandon his own artistic obligations in order to make his work easily performed by a younger age group. The result is part of the standard repertoire for concert bands.

The MIT rendition exhibited the many skills of the director, John Corley, and the band. The phrasing of the thematic ideas was precise and meaningful. In the first and second variations an excellent balance was maintained between the thematic ideas and secondary figures.

The third, fourth, and fifth variations deserve special mention due mainly to the excellence of the solo woodwinds. Balance was not always maintained, however, for at times the oboe was covered by the supporting instruments. In the sixth variation the horn section provided strength for the ensuing climax. The final statement of the theme was powerful and dynamic.

'Music for Winds and Percussion' by Richard Hervig involved a reduced portion of the concert band with the addition of a piano. Variation in tempo and mood were frequent but through emphasis of repeated thematic ideas and fragments the work was unified. One such figure, as ascending chromatic scale of varying syncopation, was adeptly executed by the woodwind section.

The highlight of the evening was the Symphony in B flat by Paul Hindemith. The presentation of this symphony was impressive. At times the woodwinds were not precise in some of their triplet figures. The legato passage in the first movement, however, exhibited good phrasing and good intonation. In the second movement the canon between the cornet and the alto sax was beautifully performed. Although the transition to the tempo of the middle section was ragged this section was performed with spirit. The third movement incorporated a fugue, one of Hindemith's favorite forms.

Following a subdued middle section, three of the predominant themes were placed in a brilliant counterpoint which was aptly projected by the band. The symphony terminated with a repetition of the fugal theme.

It was surprising that more members of the MIT community did not take advantage of such an exciting and stimulating concert.

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**Pro Musica Gives Bach's 'Passion'**

The Chorus pro Musica will present 'The Passion According to St. John'; by J. S. Bach, at Symphony Hall March 24 at 8:00.

The chorus will be accompanied by the Cambridge Festival Orchestra, with Daniel Pinkham harpsichordist. Soloists will be Marguerite Willauer, soprano; Ann Golden, contralto; Charles Bressler, tenor; Mac Morgan, bass; and John Ring, bass.

Tickets range in price from \$2.00 to \$6.00.

**ESI Gets \$1 Million As Unrestricted Grant Of Ford Foundation**

The former Physical Science Study Committee has been awarded a general grant of \$1 million by the Ford Foundation.

Now called Educational Services, Inc., the non-profit educational research organization of Watertown, Mass., originated under the auspices of MIT in 1956.

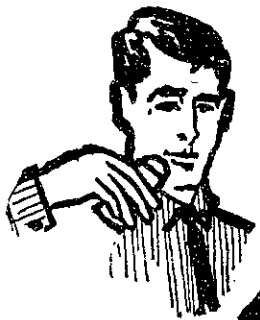
In addition to the PSSC program, ESI is working to improve the curricula in American schools in other areas. Curriculum reform programs are now being conducted in the teaching of science in the elementary grades, and in developing a social studies and humanities curriculum applicable at all grade levels.

Besides programs in primary and secondary schools, ESI is assisting in developing new techniques for the teaching of engineering and science in the universities. ESI also participates in various educational programs overseas.

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theatre...

## Gielgud Shows Genius

By Charles Foster Ford

John Gielgud is a genius. Watching his attitudes and his voice control is an education. His awareness of nuance and delicacy of timing can enliven even the dullest of material. And it is a pleasure to announce that many of his accomplishments communicate well to other actors. The "School for Scandal" which he has directed is a rousing success.

Sheridan was one of those Restoration comedians whose plays were the mirrors of a witty, licentious age. After a few, they begin to seem basically alike, but the important element is not the traditional plot, but the brilliant, brittle language clothing it.

There is a modicum of plot which must be remembered. (The "Argument" printed in the program is more a hindrance than a help.) Sir Oliver Surface is back from India, to decide which of his two nephews, Joseph or Charles, will inherit his fortune. Joseph is the pride of society, respected, honored, with friends on all sides. But his wastrel brother Charles is, unlike him, honest and sincere, while Joseph is as false as his society friends. The other major element of plot is Sir Oliver's old friend, Sir Peter Teazle, and his young bride. She is likewise determined to run with high

**THE SCHOOL FOR SCANDAL**, by Richard Brinsley Sheridan; settings and costumes by Anthony Powell; Lighting supervised by Ralph Alwang; Music arranged by Leslie Bridgewater; Production associate Andre Goulet; Produced by Alexander H. Cohen; Directed by John Gielgud; at the Schubert Theatre. Cast includes:  
 Lady Sneerwell .... Muriel Forbes  
 Joseph Surface .... John Gielgud  
 Maria .... Finkle Johnstone  
 Mrs. Candour ....  
 Gwyn Ffrangcon-Davies  
 Crabtree .... Charles Lloyd Pack  
 Sir Benjamin Backbite ....  
 Peter Barkworth  
 Sir Peter Teazle, Ralph Richardson  
 Lady Teazle .... Geraldine McEwan  
 Sir Oliver Surface ....  
 Laurence Naismith  
 Charles Surface .. Richard Easton

society, to spend herself and to gossip herself into prominence. Sir Peter's genuine love for her is given much vexation before all is set right again.

The scandal-mongering society at its worst is represented by Lady Sneerwell, Sir Benjamin Backbite, Crabtree, and Mrs. Candour, all of whom villify Charles and adore Joseph to the bitter end. Their favorite pastime is destroying the reputations of their friends, and their maliciousness is exceeded only by their gullibility.

Richard Easton makes the honest Charles Surface a bright, enjoyable character. This is difficult to do in this style of comedy, where the lovable rogues steal the stage every time. It is doubly difficult when brother Joseph is so wickedly and roguishly played by John Gielgud himself. Sheridan had more moral sense than many Restoration playwrights; Joseph is exposed as a liar and a seducer before all, and justice triumphs in the end. But for the playwright himself working against him, Gielgud's Joseph would steal the honors completely.

The crew of gossips and scandal-mongers are a merry sight as well, led by Gwyn Ffrangcon-Davies' outrageous Mrs. Candour, and Charles Lloyd Pack's Crabtree, they fill the stage with witty and devastating repartee, and prove themselves shallow fools at every turn. The portrait of English society at its vicious worst is still a joy to behold.

This is a charming and colorful production, and much of its final effect is the result of work by Anthony Powell, the designer. The many interior sets are thoroughly detailed. They come from prints and illustrations of the period, and bring it expertly to life. Costumes, and wigs, also add to the feeling of mannered unreality which characterizes the play.

"School for Scandal" is a production which is all of a piece. Fresh from a successful run in New York, the company was a little hesitant opening night, perhaps over the size of the theatre. They need not have worried. Their several curtain-calls were justly deserved. This is an excellent evening's entertainment.

### Last 2 Freshman Sections Elect Leaders, Alternates

The last two freshman class sections have elected section leaders. The leader in Section 24 is Terry Vander Werff (BTPi); in Section 26, Ron Reder (PSK). The alternates are Stuart Madnick and Steve Walther, respectively.

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 "Vilarious!"  
 TIME MAGAZINE



# Sr. House Orgy: Gladiatorial Combat, Slave Auction Modern Art Museum Membership Available

THE TECH

WEDNESDAY, MARCH 20, 1963

Page 13



Toga-clad Senior House residents reveled at the Roman Orgy Party last Friday night. The party featured a slave auction, an assassination, and battling gladiators. (Left) John Hanton '64 and Bob Schneider '63 battle to the death, and (below) Jim Dorr '64 enjoys the better things in life.  
—Photos by John Torode



The Museum of Modern Art in New York offers a group membership plan for which members of the MIT community are eligible. The usual annual membership rate of \$15 will be reduced to \$10 if more than 20 students join.

Applications may be made through Mrs. Elizabeth Dickson, in Room 7-344. The deadline is this Friday. The plan gives all the privileges of regular non-resident membership, including four free publications per year and discounts up to 50% on other museum publications.

## movies ...

### 'The Courtship Of Eddie's Father' At Music Hall

By Gilberto Perez-Gillermo  
The Courtship of Eddie's Father was something of a let-down. I expected another display of Vincente Minnelli's talent for the sophisticated comedy, in the tradition of "Designs of Woman" and "The Reluctant Debutante," but the film was not much of a sophisticated comedy. The script, a rather mediocre one, was a mixture of humor and sentimentality that did not always blend. Thanks to Minnelli's visual taste and elegance, however, I liked the film anyway.

In my opinion, Vincente Minnelli is one of the most talented among the active Hollywood directors. His earlier works — "An American in Paris," "Meet Me In St. Louis," "The Bad and the Beautiful" — received wide acclaim. "Gigi" received many Academy Awards, including Best Picture and Best Direction. Some of his more recent works, however, have not been recognized, being as they are vastly superior to the average Hollywood product — "Four Horsemen of the Apocalypse" and "Two Weeks in Another Town" are examples of such. Something similar will probably happen to "The Courtship of Eddie's Father." It is the typical movie that critics hate and people love. In some aspects it is indeed a mediocre work; it is far from being among Minnelli's best — "Some Came Running" was a masterpiece. At any rate, "The Courtship of Eddie's Father" is a good film.

**THE COURTSHIP OF EDDIE'S FATHER**; directed by Vincente Minnelli; produced by Joe Pasternak; screen-play by John Gay, based on the novel by Mark Toby.  
**CAST**  
Tom Corbett ..... Glenn Ford  
Elizabeth Marlen ..... Shirley Jones  
Dolly Daly ..... Stella Stevens  
Rita Behrens ..... Dina Merrill  
Eddie Corbett ..... Ronny Howard  
Mrs. Livingston ..... Roberta Sherwood  
Norman Jones ..... Jerry Van Dyke  
At the Boston Music Hall.

The story deals with the re-adaptation of a small boy, Eddie (Ronny Howard), and his widowed father (Glenn Ford) into social life. Eddie dislikes the woman his father plans to marry (Dina Merrill) and likes a young divorcee who lives in the apartment next door (Shirley Jones). Save for isolated moments (Stella Stevens emerges as an able comedienne), the script is never very funny or touching.

It is part of Minnelli's trade to make good films from poor basic material — "Tea and Sympathy" and "Home from the Hill" are only two examples. It is remarkable how he patches up the deficiencies in the script. The ending, for instance, depicted an implausible reconciliation between Mr. Ford and Miss Jones. Minnelli makes a splendid scene out of it. The camera, centered on Eddie, moves from one apartment to the other, and we never hear what they say. Minnelli's pictorial compositions are always a joy to watch. He is a master of what might be called cinema kinematics — the relative

motions of the camera and the various persons and objects, in interaction through montage, camera movements and movement within the frame. This gives an unusual fluidity to his style and makes his films, to my taste, always likeable. Furthermore, he is an expert at constructing scenes — the search for Eddie and the several arguments between Mr. Ford and Miss Jones are examples.

"The Courtship of Eddie's Father" is not as decorative as the usual Minnelli product, but the imagery is often delightful. We have several sequences reminiscent of some of Minnelli's other work — the dancing scenes and the shots of car driving, to mention some. Miss Jones' first appearance, when she brings fudge over to Mr. Ford's apartment, has an enchanting quality to it. The same can be said of the New Year's Eve toast between them.

A rich use of color is present throughout.

These techniques result in a splendid mise-en-scene of a mediocre subject. The outcome is a not wholly satisfactory, but nevertheless enjoyable film.

### Irish Play Opens At Loeb Center

"Juno and the Paycock," by the Irish playwright Sean O'Casey, will open at the Loeb Drama Center March 21 and will continue March 22, 23, and 27-30, at 8:30 pm.

A tragedy played out by comedians, the play is the story of a poor Irishman and his family who learn they are to inherit a large sum of money. They begin to lead their lives in expectation of the inheritance, but the money never comes.

### All Entries Due April 15 For 3 Writing Contests

The deadline for entries in three annual writing contests sponsored by the Humanities Department is April 15.

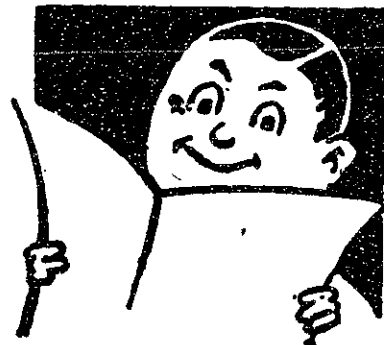
The Ellen King Prize, a collection of books worth \$50, is awarded for the best unpublished essay on any subject suitable for literary treatment. Freshmen only may compete.

All undergraduates are eligible to compete for the Boit Essay Prize and the Boit Prize for Imaginative Writing. The Boit Essay Contest offers prizes of \$75, \$40 and \$25 for the best unpublished essays.

The same three awards are offered for the best papers submitted for the Boit Prize for Imaginative Writing. Eligible are short stories, one-act plays, and collections of poetry.

Course and term papers are acceptable entries in the contests. The contest rules are available in Room 14N-407.

## MORE GOOD NEWS



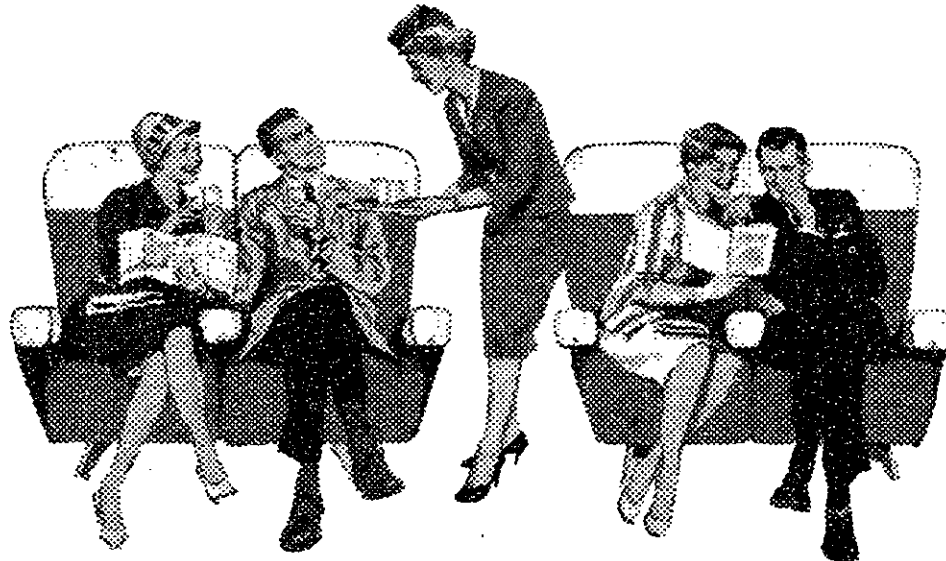
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## movie schedule

Tues. Mar. 19 through Tues. Apr. 2 (Unless otherwise stated, the Sunday schedule is the same as the week-day schedule except no movies are shown before 1 p.m.)

**ASTOR**—"The Longest Day," 8:15; Wed., Sat., Sun., 2:00; Sun. 7:30  
**BEACON HILL**—"David and Lisa," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00, Sun., 1:30, 3:30, 5:30, 7:30, 9:30

**BOSTON CINERAMA**—through Mar. 26, "The Best of Cinerama," eves. 8:30, mats. Wed., 2:15, Sat., Sun., 1:30, 5:00; starting Mar. 27, "How the West Was Won," eves. 8:30, mats. Wed., Thurs., 2:00, Sat., Sun. 1:00, 4:45

**BRATTLE**—"Zazie" plus short subject "The Most," Starting Sunday: Orson Welles' "Mr. Arkadin," Shows daily 5:30, 7:30, 9:30, matinee Sat. & Sun. at 3:30

**CAPRI**—"Love is a Ball," 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30

**COOLIDGE CORNER**—"Electra," 1:45, 7:45, 9:30, Sat., Sun., 2:45, 5:15, 7:30, 9:35

**EXETER**—"Love and Larceny," 2:15, 4:40, 5:50, 7:35, 9:25

**FENWAY**—"Antigone," 1:30, 3:28, 5:22, 7:24, 9:22

**HARVARD SQUARE**—"Who's Got the Action," 1:45, 5:45, 9:40, "The Password Is Courage," 3:35 and 7:30. Starting Sunday: "A Child Is Waiting" plus "It Happened in Rome."

**KEITH MEMORIAL**—"To Kill a Mockingbird," 2:20, 5:50, 9:20, Sun., 2:20, 6:00, 9:40; "Young Guns of Texas," 1:00, 4:30, 8:00, Sun., 1:00, 4:40, 8:20

**LOEW'S ORPHEUM**—"Diamondhead," 9:30, 11:45, 1:40, 3:40, 5:35, 7:35, 9:30; Sun., 1:15, 3:10, 5:05, 7:05, 9:00

**MAYFLOWER**—"Forty Pounds of Trouble," 11:20, 2:40, 6:00, 9:20, Sun., 2:35, 5:55, 9:20; "Mystery Submarine," 9:50, 1:05, 4:20, 7:50, Sun., 1:00, 4:20, 7:50; starting Mar. 27, "Diamondhead," 9:30, 11:30, 1:30, 3:30, 5:25, 7:35, 9:25; Sun., 1:30, 3:05, 5:05, 7:05, 9:00

**MIT**—Friday, "Ivan the Terrible," Part I, Room 10-250, 6:00, 9:00

**MUSIC HALL**—"Courtship of Eddie's Father," 9:45, 12:07, 4:51, 7:13, 9:35, Sun., 1:00, 3:16, 5:32, 7:48, 10:04

**PARAMOUNT**—"Days of Wine and Roses," 10:20, 1:00, 3:45, 6:30, 9:15

**PILGRIM**—through Mar. 26, "Bellboy and the Playgirl," 9:40, 12:30, 3:30, 6:30, 9:25, Sun., 1:10, 3:50, 6:30, 9:30; "Geisha Playmates," 11:25, 2:20, 5:20, 8:15, Sun., 2:40, 5:20, 8:15

## Officers Elected

The Symphony Orchestra has elected officers for the 1963-64 year.

The new officers are Chico Gholz '65, president; Janet Stober '64, concert manager; Ken Dzugan '64, personnel manager; Michael Coleman '64, head librarian; John Dawson '66, librarian; Lewis Morton '66, librarian; and Alan Whitney '66, properties manager.

## At the Coffeehouses

### Cafe Yana

50 Brookline Avenue (near Kenmore Square)  
Mar. 20-30 — Guy Carawan

### Club Mt. Auburn 47

47 Mt. Auburn Street (near Harvard Square)  
Today — Tom Rush, 9:00 pm to 1:00 am

Thursday — Charles River Valley Boys, 9:00 pm to 1:00 am

Friday — Jim Kweskin, Carol Langstaff, Mitch Greenhill, 8:00 pm to 1:00 am

Saturday — Rooney, Val & Applin, 8:00 pm to 12 m

Sunday — Hootenanny, Mitch Breenhill, 8:00 pm to 12 m

Monday — Film "House on Haunted Hill" Chaplin Short, 9:00 pm

Tuesday — Jackie Washington, 9:00 pm to 1:00 am

Wednesday — Tom Rush, Geoff Muldaur, 9:00 pm to 1:00 am

Thursday — Rooney, Val & Applin, 9:00 pm to 1:00 am

Friday — Mark Spoelstra, Dayle Stanley, 8 pm to 12 m

Sunday — Hootenanny, Jim Rooney, 8:00 pm to 12 m

### The Unicorn

825 Boylston St.  
Mar. 20-31 — Jackie Washington  
Apr. 1-14 — Carolyn Hester, Ballads and Folk songs

## Theatre Schedule

**ACTORS PLAYHOUSE**—starting Mar. 27, "Knit One, Purl Two," 8:00

**AGASSIZ THEATRE**—"Time Remembered," Mar. 21-23

**CHARLES PLAYHOUSE**—"Oh Dad, Poor Dad, Mamma's Hung You in the Closet And I'm Feeling So Sad," Tues.-Fri., 8:30, Sat. 5:30, 9:00; Sun., 3:00, 7:30

**COLONIAL**—"The Sound of Music," eves., 8:30, mats. Wed., Sat., 2:30

**HARVARD HASTY PUDDING THEATRICALS**—"Tickle Me Pink," Mar. 20-26

**IMAGE**—starting Mar. 28, "The Master Builder," Tues.-Fri., 8:30, Sat., 5:00, 9:00

**Loeb DRAMA CENTER**—"Juno and the Paycock," Mar. 21-23, 27-30, 8:30

**SHUBERT**—through Mar. 30, "The School for Scandal," eves., 8:30, mats. Thurs. 2:15, Sat. 2:30, starting Apr. 1, "Rattle of a Simple Man," eves. 8:30, mats. Thurs., 2:15 Sat. 2:30

**TUFTS ARENA THEATRE**—"Dark of the Moon," Mar. 20-23, 8:30

**WILBUR**—starting Mar. 25, Mar. 25-30, "Music At Midnight," eves. 8:30, mats. Wed., Sat., 2:30; starting Apr. 1, "Mary, Mary," eves., 8:30, mats. Wed., Sat., 2:30

## 'Music At Midnight'

## Will Open At Wilbur

'Music at Midnight,' a drama of East-West tensions, will open Monday at the Wilbur Theatre.

The play concerns 24 hours of tension after a dictator moves tanks into a satellite country to suppress the uprising one western prime minister has instigated.

Headed by Walter Fitzgerald as the prime minister and Nora Swinburne as his wife, the entire cast will come directly from its London run.

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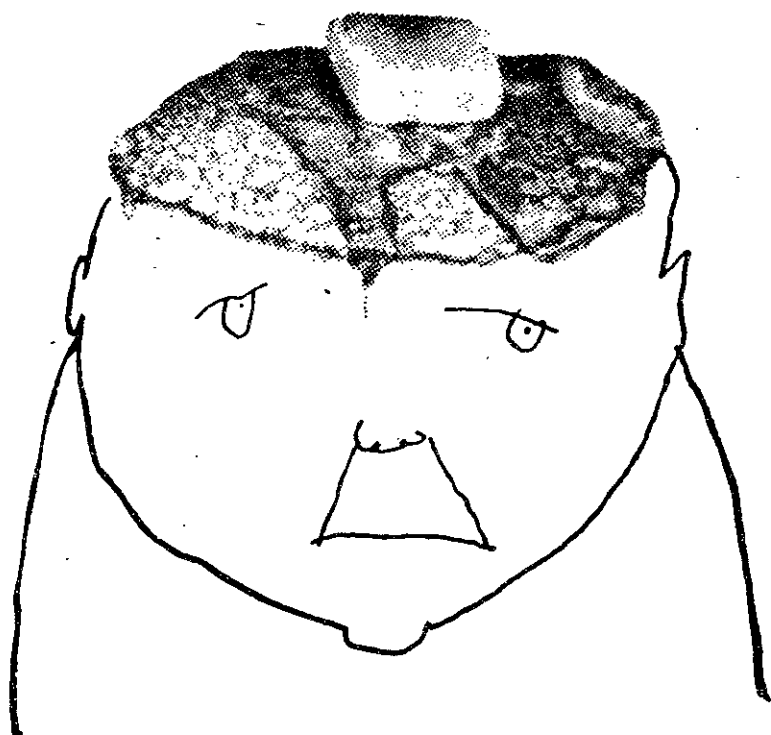
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## Seniors To Give Weavers Concert

The Weavers will perform at MIT April 13 at 8:30 pm in Kresge Auditorium, in a concert sponsored by the Class of 1963.

Tickets will be on sale starting Tuesday, April 2 at a booth in Building 10. The cost to seniors with registration cards is \$2.00 and \$2.50; to others, \$2.50 and \$3.00.

Social chairmen of all living groups will be contacted by mail for sales of ticket blocks.

## BSO Concert

Friday, Mar. 29; Sat., Mar. 30; Sun., Mar. 31; Symphony Hall, Pierre Monteux conducting.

BEETHOVEN: Overture to 'King Stephen', Symphony No. 6.  
DEBUSSY: Prelude and Dance of Ecstasy from the Martyrdom of St. Sebastian.  
HINDEMITH: 'Nobilissima Vistone'.

## Everything But The Raid



The moment of decision in a game of five-card stud at the Kappa Sigma Speakeasy last Saturday night. The annual event featured several games of chance and dancing to a live band. —Photo by John Torode

## theatre at mit...

## Dramashop Offers 'Gallows Humor'

By Charles Foster Ford

This reviewer has learned, to his peril, that one must get to MIT Dramashop productions early to be seated. Due to circumstances disbelieved by irate editors, this will be a legal review of only the second-half of last Friday's Dramashop presentation.

Other, more responsible members of the Tech staff assure me that during Part I Roger Gans was excellent, that Norma Anderson suffered only from a lost line or two, and that David Liroff was at least adequate. Adding to

this the genuine laughter which seeped through locked doors to my impatient ears, I must conclude that Part I was probably the equal of what I saw in Part II.

Jeffrey Meldman and Solvig Ayers, the rebellious hangman and his wife in Part II, were fully aware of the possibilities in their little playlet. The matter of the play is a struggle between a timid romantic, and his matter-of-fact spouse. Phillip's rebellion is too vague and too late to do him any good, and through his ridiculous failure shines a hint

of pathos which lingers long after the laughter evaporates.

The Dramashop made an excellent choice of plays in Richardson's modern masterpiece. It is so well constructed that all that is necessary to speak the lines well and intelligently to be a success. Despite their incredibly short schedule for preparation, the players managed much more than this. The obvious enjoyment of the play came bubbling off the stage.

The basic set for the two plays was a sort of cage made of black bars; the setting for Part I, a jail cell, was thus easily created with addition of a barred door and window. Part II, however, is a kitchen, complete with cupboards, sink, table and chairs. It is, however, even more a prison for Phillip than the Part I cell was for Walter. The set was thus a cooperation between John Liede and Rob Lanchester which added considerable impact to the production.

Part II included one experiment by lighting designer Phil Hooper, a sudden fade into dim, ruddy glow. Rather than a successful effect, the fade gave the impression that something unfortunate had happened in the light-booth. It was the only obvious failure of the evening, a well-meant experiment which was unsuccessful. I wish I had seen more.

**GALLOWS HUMOR**, by Jack Richardson; an evening of one-act plays, presented by the MIT Dramashop, supervised by Joseph D. Everingham & Helen Brunby.

Part I  
directed by Gary Feldman '63

Characters:  
Death ..... Anthony Cowl, SG  
The Warden ..... David Liroff, '65  
Lucy ..... Norma Anderson  
Walter ..... Roger Gans, '63

Part II  
directed by Steve Schuman, '64

The Warden ..... Tom Survilla, '65  
Phillip ..... Jeffrey Meldman, '65  
Martha ..... Solvig Ayers  
Set Design for Part I, John Liede '65; for Part II, Rob Lanchester, '63. Lighting Designer, James Moore, '64; Costume Designer, Phil Hooper, '63; Stage Manager, Michael Weiss, '65; Light Crew Chief, Douglas Moffitt, '64; Asst. Stage Manager, Jerry Glasner, '63; Make-up, Joan Dunton.

## AWS Elects MacVicar, Unopposed For President

Scotty MacVicar, '65, was elected president of the Association of Women Students last week. She was unopposed.

Carole Gustafson, '65, was elected vice-president, winning over Tina Repnau, '64. Janet Romanowich, '66, unopposed, was elected secretary. For the office of treasurer, Judy Risinger, '66, defeated Pat McCloskey, '64.

## Dining Halls Will Provide Meals For Spring Vacation

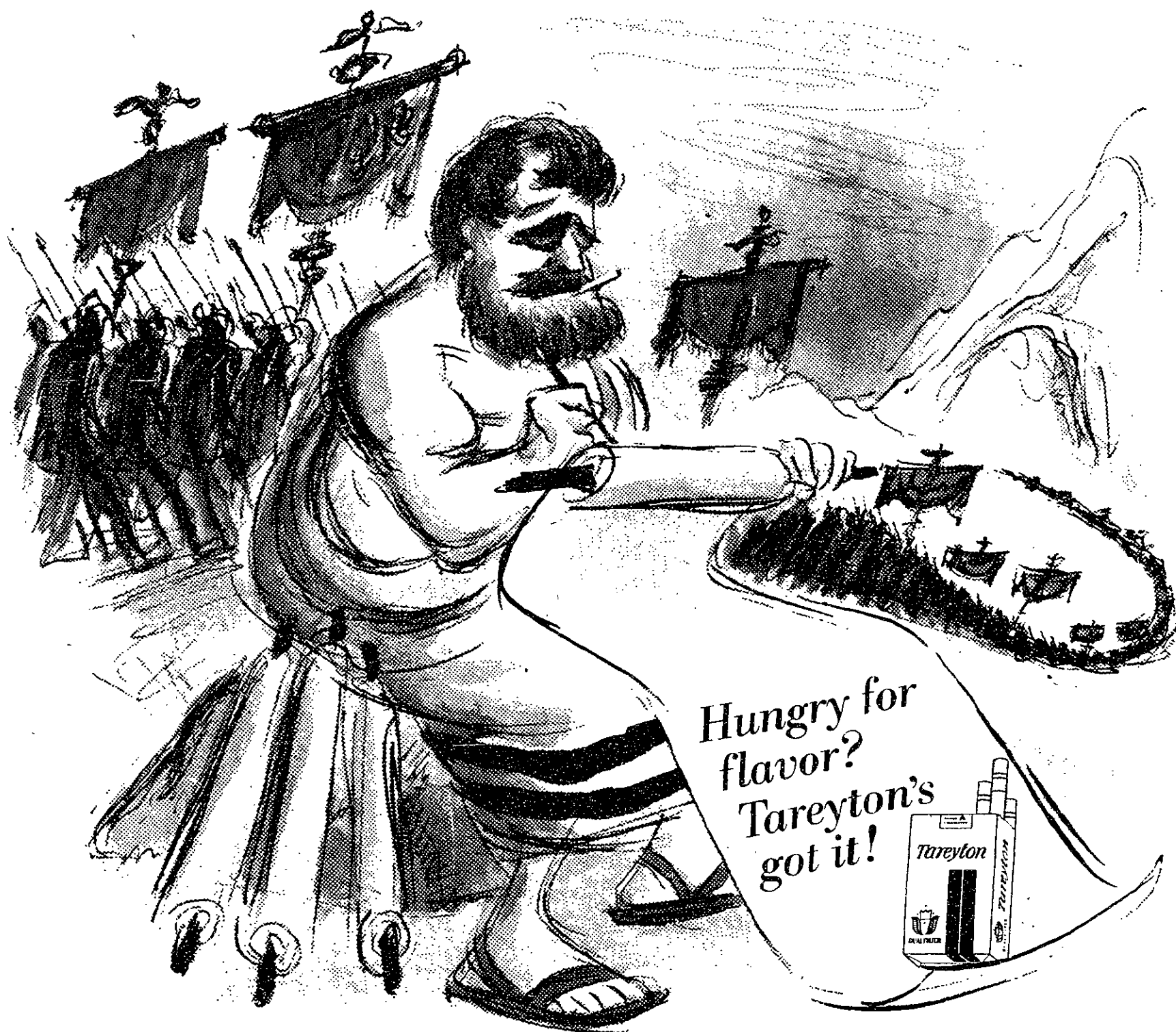
The schedule of dining service for Spring Vacation follows:

March 23-24: Graduate House—3 meals.

March 25-29: Graduate House—3 meals; Walker Memorial—breakfast and lunch only.

March 30: Graduate House—3 meals.

March 31: Graduate House—3 meals; Pritchett Lounge—9:00-12:00 pm.



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says Lucius (Poppa) Marius, he-man historian and author of *Inside Caesar*. "Homo sapiens today sure appreciates fine flavor," quoth Poppa. "Nota bene the popularity of Dual Filter Tareyton. Reason: flavor—*de gustibus you never thought you'd get from any filter cigarette.*"

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## Making the Scene

**THIS WEEK**  
**MUSIC**  
**BOSTON UNIVERSITY ORCHESTRA**—School of Fine and Applied Arts, March 20.  
**CONCERT OF VOCAL MUSIC**—Jordan Hall, Mar. 20, 8:30; Korngold's 'Songs of Farewell,' Debussy's 'The Martyrdom of St. Sebastian,' Brahms' 'Prologue of the Nightingale,' Dvorak's 'Strains from Moravia,' Cornelius' 'Ark and Duet from the Barber of Bagdad.'  
**New England Conservatory Orchestra**—Jordan Hall, Mar. 21, 8:30; Prokofiev's Symphony No. 2; Hartmann's Symphony No. 2; Wagner's 'Overture to the Flying Dutchman,' Mozart's Symphony No. 28.  
**Boris Glinka**—violinist, Mar. 22, Jordan Hall, 8:30; \$2.00 to \$4.50; works of Bach, Brahms, Szymanowski, Ravel.  
**Folk Sing**—International Student Association, Mar. 23, 9:00.  
**'The Passion According to St. John'**—Chorus pro Musica, Mar. 24, 8:00, Symphony Hall; tickets from \$2.00 to \$6.00.  
**Elmer Fable**—Flute, Margaret White, harp, Eleutherakis, Violin and Viola, Mar. 24, 3:00; Andriessen's 'Intermezzo,' Saint-Saens' 'Fantaisie,' Perichetti's 'Serenade No. 10,' Ibert's 'Entr'acte,' Debussy's 'Sonata.'  
**San Remo Festival**—Donnelly Memorial Theater, Mar. 24, 3:00, 8:00; \$1.90, \$2.00, \$3.00, \$4.00, \$5.50, \$5.95 \$4.00.  
**THEATRE**  
**'Tinkle Me Pink'**—Harvard Hasty Pudding Theatricals, through Mar. 26.  
**'Dark of the Moon'**—Mar. 20-23, Tufts Arena Theater, 8:30.  
**'Time Remembered'**—Agassiz Theater, Mar. 21-23, \$1.00, \$1.50.  
**'Sakome'** and **'Sandbox'**—by Oscar Wilde and Edward Albee, respectively, Boston University School of Fine and Applied Arts, Mar. 21-23, 28-30, 9:00; \$1.50.  
**'Juno and the Paycock'**—Sean O'Casey, Loeb Drama Center, Mar. 21-23, 27-30, 8:30.  
**ISC Classics Series**—Ivan the Terrible Part I, Mar. 22, Room 10-250, 6:00, 9:00; Eisenstein's epic film 'Ivan the Terrible' Part IV, Mar. 23, 6:00, 9:00; Eisenstein's 'Ivan the Terrible,' 'Concealing nothing, smoothing over nothing in the history of the actions of Ivan the Terrible.' It has been our wish to present it in all its integrity to the audiences of the whole world. USSR, 1944.  
**MISCELLANEOUS**  
**J. H. Plumb**—Prof. of History, Cambridge University, 'British Attitudes to the American Revolution,' Kresge Little Theater, 8:00, Mar. 20.  
**Japanese Night**—International Student Association, Mar. 20, 8:00.  
**Mathematics Colloquium**—sponsored by Harvard, MIT, Brandeis. A Derivation of the Non-linear Equations for Thin Elastic Plates on the Basis

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31	1	2	3	4	5	6
7	8	9	10			

of a Theory of Elliptic Partial Differential Equations' Room 2-390, 4:30  
Martin Luther King — 'Desegregation and the Future,' Ford Hall Forum, Jordan Hall, Mar. 24, 8:00

**NEXT WEEK**  
**MUSIC**  
**Chamber Music**—New England Conservatory, Mar. 27, 8:30, Jordan Hall; Stravinsky's 'L'Histoire du Soldat,' Berg's 'Adagio,' Webern Quartet, Bartok's 'Contrast,' free.  
**Music of Gardner Read**—Mar. 27, Boston University School of Fine and Applied Arts; Sonata Da Chiesa, 'Songs to Children,' Sonata Brevis, 'Sonoric Fantasia,' Piano Quintet.  
**New England Conservatory Chorus**—Mar. 28, 8:30, Jordan Hall; songs of Brahms, Carissimi, Hindemith, Tepper.  
**New England Conservatory Chorus**—Mar. 28, Jordan Hall, 8:30; works of Brahms, Carissimi, Hindemith, Albert Tepper; free.  
**Music of Gardner Read**—Mar. 28, Boston University School of Fine and Applied Arts; 'Sound Piece for Brass and Percussion,' 'The Lamb,' 'Kivver Night,' 'Nine by Six,' 'Chorale and Fuguetta,' 'The Revue,' free.  
**BSO Open Rehearsals**—Mar. 28, 7:30.  
**Sonny Terry**—Brownie McGhee, Lightnin' Hopkins, an evening of blues, Mar. 30, Jordan Hall, 8:30; \$3.50, \$2.80, \$2.20.  
**Handel and Haydn Society**—Mar. 31, Brahms' 'Requiem,' Henry Purcell's 'Music for the Funeral of Queen Mary,' Symphony Hall, 8:15.  
**Julian Bream**—guitarist and botanist, Apr. 4, 8:00, Alumni Hall, Wellesley College.  
**Victor Mattfeld**—organist, MIT Chapel, Apr. 7, 4:00; free.  
**Dance Circle Concert**—Apr. 7, 3:00, Northeastern University Alumni Auditorium; \$3.00.  
**Yale Russian Chorus**—Jordan Hall, Apr. 7, 3:00; \$1.50, \$2.50, \$3.00.  
**LECTURES**  
**William Eker, Philip Solomon**—'The Uses and Abuses of Psychiatry,' Ford Hall Forum, Jordan Hall, Mar. 31, 8:00.  
**John Ely Burchard**—'The Evolution of Confusion,' new classicism in architecture, Apr. 1, 8:00, Kresge Little Theater.

### Handel-Haydn Soc. To Present Concert

The Handel and Haydn Society of Boston will present its annual spring concert March 31 at 8:15 in Symphony Hall.  
Brahms' 'Requiem' and Henry Purcell's 'Music for the Funeral of Queen Mary' will be featured.  
Soloists for the 'Requiem' will be Frances Yeend, soprano soloist of the Metropolitan Opera Association and David Laurent, baritone.

## Sr. House Wins Egbert In All-Tech Sing: Victrola



Members of the Zeta Beta Tau pseudo-hillbilly "singing" group performing at the All-Tech Sing. —Photo by Conrad Grundlehner

The Egbert, the award for the most original entry in All-Tech Sing, went to the group from Senior House. The prize was an ancient wind-up Victrola — equipped with a pack of steel needles, each guaranteed for one record — and a stack of 78-rpm records.

The best-in-show award went to the Burtones, of Burton House, along with first place in the Serious Division. Sigma Chi won second place in that division.

The Association of Women Students took first place in the Light Division. Senior House won second place.

Baton Society sponsored Saturday's competition. Dean Frederick G. Fassett served as master of ceremonies. The judges were Gregory Tucker, associate professor of humanities; John D. Corely, Assistant Director of Music; and David Ashton, Assistant Director of the Glee Club.

## movies...

### 'Love And Larceny', New Italian Farce

By Gilberto Perez-Guillermo

Generally, American comedies have kept a standard superior to their European counterparts. In the silent era, Chaplin and Keaton towered above everything else. Afterwards, even lesser talents like W. C. Fields or Billy Wilder were rarely surpassed by European efforts. There have been some significant talents in European comedy (Rene Clair, for instance), but they were the exception rather than the rule. Only lately, when there seems to be a crisis in the Hollywood comedy (have there been any outstanding American comedies since 'Some Like It Hot?'), a consistently strong European comedy movement is beginning to take shape. I am referring to the latest Italian efforts.

These new Italian comedies are nothing exceptional in themselves, but they seem to point to the emergence of fresh talent in the comedy. The Bilg Deal in Madonna Street was a notable work; and the current Divorce — Italian Style, over-rated as it has been, is still not to be ignored. These new comedies have greater thematic freedom than those of Hollywood, and they take full advantage of it. For instance, they see no necessity to censure or punish a criminal act as is inevitably done in Hollywood. Some of the criminal actions (as the husband's plot to kill his wife in 'Divorce — Italian Style') become central to a great many comic situations, some of which are wickedly funny.

**LOVE AND LARCENY:** directed by Dino Risi; screenplay by Sandro Continenza, adapted by Sergio Pugliese from an original story by Age e Scorpelli; music by Pippo Barzizza; photography by Massimo Dallamano.  
**CAST**  
Vittorio Gassman ..... Gerardo  
Anna Maria Ferrero ..... Annalisa  
Dorian Gray ..... Elena  
Mario Carotenuto ..... Lallo Cortina  
Alberto Bonucci ..... Gloria Patri  
Fosco Giachetti ..... The General  
Luigi Pavese ..... Rebuschini  
Linda Sini ..... Laura  
Aldo Bufi Landi ..... The "Commissioner"  
with Peppino De Filippo as Chinotto, and Nando Bruni as Piersa  
Arico - Enrico Giori - Salvatore  
Cafiero - Mario Scaccia - Fannulla - Mario Frera - Armando Banti  
Running time: 94 minutes. At the Exeter Street Theatre.

Another example of this is furnished by 'Love and Larceny,' now at the Exeter Street Theatre.

'Love and Larceny' is a funny Italian farce which humorously views the swindler's trade. The film is composed of a series of thefts, cleverly performed by a group of likeable crooks. The audience thoroughly enjoys the ingenious tricks they play on their victims; the script covers a large range of larcenist's tricks. Some of the situations are simple — crooks posing as motorcycle police accept bribes from drivers on the threat of giving them tickets; a few are more complicated — a jewelry theft involving cookies; most of them are funny. Dino Risi, the director, has unpretentiously and effectively constructed the several sequences, and the film runs smoothly. Situations are imaginatively staged in different contexts. The scene with the puppets was expertly made; the scene

at the crystal shop was very funny.



As with most comedies, the success or failure depends largely on the performers — it is so easy to wreck a basically funny situation by under or over-acting, so many situations usually depend on the performer's ability. Vittorio Gassman, in the central role of the master larcenist who takes pride and relish in his profession, gives a notable performance. The audience happily follows his many successful jobs. He is no Buster Keaton, but he emerges as an excellent impersonator, sort of an Italian Peter Sellers. The various thefts involve different disguises, ranging from an Air Force general to Greta Garbo, and Mr. Gassman handles them expertly. He receives adequate support from Anna Maria Ferrero as his wife (whose opposition to her husband's trade is advantageously used throughout the film), Peppino de Filippo and Dorian Gray as his partners, Luigi Pavese and others as the victims.

'Love and Larceny' is by no means an exceptional film; some situations — the ending, for instance — are a trifle too predictable; a few fail to come across as well as the rest. It is nevertheless a very successful film, adding to the promise of the new Italian comedy movement.

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